

Readings In The Philosophy Of Technology

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Sex/machine - Patrick D. Hopkins 1998
How do cultural notions of gender affect what kinds of technologies are produced and for what purposes? How does technology affect gender roles, either by reinforcing them or

destabilizing them? What is the significance of sex and gender in the use of technologies such as cosmetic surgery and reproductive procedures that manipulate the body? Does "sexual difference" have any implications for the

development of technology? What does "gender" mean in a technologically influenced world? Technology--from personal computers and cyberspace to artificial wombs and sex reassignment surgery--has opened up the possibility that sex roles as well as the gendered notions we have of human identity are subject to radical change. This engaging anthology examines long-standing stereotypical associations of men with technology and women with nature and assesses the impact of technologies that have necessarily blurred distinctions between the sexes on these traditional views of gender. An illuminating and often unsettling picture of the ethical, moral, and legal issues that shape experience, culture, and identity in the late twentieth century emerges from this thought-provoking collection. Indiana Series in the Philosophy of Technology--Don Ihde, general editor

Harmonious Technology - Pak-Hang Wong 2021-02-25
Technology has become a

major subject of philosophical ethical reflection in recent years, as the novelty and disruptiveness of technology confront us with new possibilities and unprecedented outcomes as well as fundamental changes to our "normal" ways of living that demand deep reflection of technology. However, philosophical and ethical analysis of technology has until recently drawn primarily from the Western philosophical and ethical traditions, and philosophers and scholars of technology discuss the potential contribution of non-Western approaches only sparingly. Given the global nature of technology, however, there is an urgent need for multiculturalism in philosophy and ethics of technology that include non-Western perspectives in our thinking about technology. While there is an increased attention to non-Western philosophy in the field, there are few systematic attempts to articulate different approaches to the ethics of technology based on other

philosophical and ethical traditions. The present edited volume picks up the task of diversifying the ethics of technology by exploring the possibility of Confucian ethics of technology. In the six chapters of this volume, the authors examine various ideas, concepts, and theories in Confucianism and apply them to the ethical challenges of technology; in the epilogue, the editors review the key ideas articulated throughout the volume to identify possible ways forward for Confucian ethics of technology. Harmonious Technology revives Confucianism for philosophical and ethical analysis of technology and presents Confucian ethics of technology as another approach to the ethics of technology. It will be essential for philosophers and ethicists of technology, who are urged to consider beyond the Western paradigms. More broadly, the volume will be of interest to students and scholars in the fields of philosophy, science and

technology studies, innovation studies, political science, and social studies.

Philosophy of Technology and Engineering Sciences - 2009-11-27

The Handbook Philosophy of Technology and Engineering Sciences addresses numerous issues in the emerging field of the philosophy of those sciences that are involved in the technological process of designing, developing and making of new technical artifacts and systems. These issues include the nature of design, of technological knowledge, and of technical artifacts, as well as the toolbox of engineers. Most of these have thus far not been analyzed in general philosophy of science, which has traditionally but inadequately regarded technology as mere applied science and focused on physics, biology, mathematics and the social sciences. • First comprehensive philosophical handbook on technology and the engineering sciences • Unparalleled in scope including explorative articles • In depth

discussion of technical artifacts and their ontology • Provides extensive analysis of the nature of engineering design •

Focuses in detail on the role of models in technology

Philosophy of Science - David Boersema 2009

This new anthology, which integrates explanatory text, primary source readings, and case studies, provides students of any major (philosophy, science, or other) with an accessible and comprehensive introduction to the philosophy of science. The anthology is organized around a unique “three-pronged” approach: the metaphysical (what), the epistemological (how), and the axiological (why). The coverage of issues builds coherently and logically: from issues of scientific method to ethical issues, to the most current social and political implications of science — demonstrating how philosophy of science is relevant in a modern day context. The anthology carefully examines the theoretical apparatus of the philosophy of science and

applies it to rich case studies from the history of science.

Thinking Through Technology - Carl Mitcham 1994-10-15

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

French Philosophy of Technology - Sacha Loeve 2018-05-28

Offering an overall insight into the French tradition of philosophy of technology, this volume is meant to make French-speaking contributions more accessible to the international philosophical community. The first section, “Negotiating a Cultural Heritage,” presents a number of leading 20th century philosophical figures (from Bergson and Canguilhem to Simondon, Dagognet or Ellul) and intellectual movements (from Personalism to French

Cybernetics and political ecology) that help shape philosophy of technology in the Francophone area, and feed into contemporary debates (ecology of technology, politics of technology, game studies). The second section, "Coining and Reconfiguring Technoscience," traces the genealogy of this controversial concept and discusses its meanings and relevance. A third section, "Revisiting Anthropological Categories," focuses on the relationships of technology with the natural and the human worlds from various perspectives that include anthropotechnology, Anthropocene, technological and vital norms and temporalities. The final section, "Innovating in Ethics, Design and Aesthetics," brings together contributions that draw on various French traditions to afford fresh insights on ethics of technology, philosophy of design, techno-aesthetics and digital studies. The contributions in this volume are vivid and rich in original

approaches that can spur exchanges and debates with other philosophical traditions. Readings in the Philosophy of Language - Peter Ludlow 1997
A central theme of this collection is that the philosophy of language, at least a core portion of it, has matured to the point where it is now being spun off into linguistic theory.

The Philosophy of Mind - Brian Beakley 1992
Bringing together the best classical and contemporary writings in the philosophy of mind and organized by topic, this anthology allows readers to follow the development of thinking in five broad problem areas - the mind/body problem, mental causation, associationism/connectionism, mental imagery, and innate ideas - over 2500 years of philosophy. The writings range from Plato and Descartes to Fodor and the PDP research group, showing how many of the current concerns in the philosophy of mind and cognitive science are firmly rooted in history. The editors

have provided helpful introductions to each of the main sections. Brian Beakley is Assistant Professor in the Philosophy Department at Eastern Illinois University. Peter Ludlow is Assistant Professor in the Philosophy Department at SUNY, Stony Brook. Readings from: Plato, Aristotle, St. Thomas Aquinas, Rene Descartes, Thomas Hobbes, Nicolas Malebranche, Gottfried Wilhelm Leibniz, John Locke, George Berkeley, David Hume, Immanuel Kant, John Stuart Mill, Thomas Henry Huxley, William James, Oswald Kulpe, John Watson, Jean Piaget, Gilbert Ryle, U. T. Place, Hilary Putnam, Daniel Dennett, Donald Davidson, Jerry Fodor, Roger Shepard, Jacqueline Metzler, Saul Kripke, Ned Block, Noam Chomsky, Stephen Kosslyn, Zenon Pylyshyn, Patricia Churchland, James McClelland, David Rumelhart, Geoffrey Hinton, Paul Smolensky, Seymour Papert.

Science Fiction and Philosophy - Susan Schneider
2016-03-07

Featuring numerous updates and enhancements, *Science Fiction and Philosophy*, 2nd Edition, presents a collection of readings that utilize concepts developed from science fiction to explore a variety of classic and contemporary philosophical issues. Uses science fiction to address a series of classic and contemporary philosophical issues, including many raised by recent scientific developments. Explores questions relating to transhumanism, brain enhancement, time travel, the nature of the self, and the ethics of artificial intelligence. Features numerous updates to the popular and highly acclaimed first edition, including new chapters addressing the cutting-edge topic of the technological singularity. Draws on a broad range of science fiction's more familiar novels, films, and TV series, including *I, Robot*, *The Hunger Games*, *The Matrix*, *Star Trek*, *Blade Runner*, and *Brave New World*. Provides a gateway into classic

philosophical puzzles and topics informed by the latest technology

Moved by Machines - Mark Coeckelbergh 2019-08-06

Given the rapid development of new technologies such as smart devices, robots, and artificial intelligence and their impact on the lives of people and on society, it is important and urgent to construct conceptual frameworks that help us to understand and evaluate them. Benefiting from tendencies towards a performative turn in the humanities and social sciences, drawing on thinking about the performing arts, and responding to gaps in contemporary artefact-oriented philosophy of technology, this book moves thinking about technology forward by using performance as a metaphor to understand and evaluate what we do with technology and what technology does with us. Focusing on the themes of knowledge/experience, agency, and power, and discussing some pertinent ethical issues such as deception, the

narrative of the book moves through a number of performance practices: dance, theatre, music, stage magic, and (perhaps surprisingly) philosophy. These are used as sources for metaphors to think about technology—in particular contemporary devices and machines—and as interfaces to bring in various theories that are not usually employed in philosophy of technology. The result is a sequence of gestures and movements towards a performance-oriented conceptual framework for a thinking about technology which, liberated from the static, vision-centred, and dualistic metaphors offered by traditional philosophy, can do more justice to the phenomenology of our daily embodied, social, kinetic, temporal, and narrative performances with technology, our technoperformances. This book will appeal to scholars of philosophy of technology and performance studies who are interested in reconceptualizing the roles and impact of modern technology.

*Philosophy and Engineering:
An Emerging Agenda* - Ibo van
de Poel 2010-03-11

Whereas science, technology, and medicine have all called forth dedicated philosophical investigations, a fourth major contributor to the technoscientific world in which we all live - that is, engineering - has been accorded almost none of the philosophical attention it deserves. This volume thus offers a first characterisation of this important new field, by some of the primary philosophers and ethicists interested in engineering and leading engineers interested in philosophical reflections. The volume deals with such questions as: What is engineering? In what respect does engineering differ from science? What ethical problems does engineering raise? By what ethical principles are engineers guided? How do engineers themselves conceive of their profession? What do they see as the main philosophical challenges confronting them in the 21st

century? The authors respond to these and other questions from philosophical and engineering view points and so illustrate how together they can meet the challenges and realize the opportunities present in the necessary encounters between philosophy and engineering - encounters that are ever more important in an increasingly engineered world and its problematic futures.

Philosophy of Religion -

Stuart Brown 2014-05-01
With the entry-level student in mind, Stuart Brown guides the reader through three main topics: whether or not there is life after death; whether or not there is a powerful, beneficent intelligence controlling the universe; and the nature and appropriate defence of religious belief or faith. Each chapter is linked to readings by commentators on religion and belief, such as David Hume, John Hick, Richard Dawkins and William James. Key features also include activities and exercises, chapter summaries and guides to

further reading.

Chinese Philosophy of Technology - Qian Wang
2020-02-20

This book gathers essays that introduce the ideological advances in the philosophy of engineering and technology in contemporary China. It particularly focuses on China's distinctive concepts and methods, revealing different views and academic debates to offer readers a comprehensive overview of this important field. The contributors present unique perspectives based on practical problems and traditional philosophy, examining such issues and concepts as axiology and theories of process, the difference between engineering activities and technology activities, and the core of the relationship between "Dao" and "Technique." Other essays cover the ethics of technology, practical wisdom (phronesis) and practical reasoning, as well as creative concepts and methods concerning the philosophical problems in high

technology, architectural technology, and technological innovation. The authors also consider more general issues in the field. This book compiles the relevant research achievements of Chinese scholars in various time periods. Some authors have revised and translated into English papers published in Chinese, while others present their research in English specifically for this study. An annotated bibliography of the major publications in the field completes this collection.

Philosophy of Technology -

Robert C. Scharff 2013-12-02

The new edition of this authoritative introduction to the philosophy of technology includes recent developments in the subject, while retaining the range and depth of its selection of seminal contributions and its much-admired editorial commentary. Remains the most comprehensive anthology on the philosophy of technology available. Includes editors' insightful section introductions and critical summaries for each

selection Revised and updated to reflect the latest developments in the field. Combines difficult to find seminal essays with a judicious selection of contemporary material. Examines the relationship between technology and the understanding of the nature of science that underlies technology studies.

Emergence - Paul Humphreys
2016-10-14

Interest in emergence amongst philosophers and scientists has grown in recent years, yet the concept continues to be viewed with skepticism by many. In this book, Paul Humphreys argues that many of the problems arise from a long philosophical tradition that is overly committed to synchronic reduction and has been overly focused on problems in philosophy of mind. He develops a novel account of diachronic ontological emergence called transformational emergence, shows that it is free of the problems raised against synchronic accounts, shows

that there are plausible examples of transformational emergence within physics and chemistry, and argues that the central ideas fit into a well established historical tradition of emergence that includes John Stuart Mill, G.E. Moore, and C.D. Broad. The book also provides a comprehensive assessment of current theories of emergence and so can be used as a way into what is by now a very large literature on the topic. It places theories of emergence within a plausible classification, provides criteria for emergence, and argues that there is no single unifying account of emergence. Reevaluations of related topics in metaphysics are provided, including fundamentality, physicalism, holism, methodological individualism, and multiple realizability, among others. The relations between scientific and philosophical conceptions of emergence are assessed, with examples such as self-organization, ferromagnetism, cellular automata, and nonlinear systems being

discussed. Although the book is written for professional philosophers, simple and intuitively accessible examples are used to illustrate the new concepts.

Portuguese Philosophy of Technology - Helena Mateus Jerónimo 2022-11-23

This volume is a collection of essays of a philosophical nature on the subject of technology, introducing authors from the Portuguese-speaking community, namely from Portugal itself, Africa and Brazil. Their contributions detail a unique perspective on technology, placing this important topic within the historical, ideological and social contexts of their countries, all of which share a common language. The shared history of these countries and the cultural and economic specificities of each one have stimulated singular insights into these thinkers' reflections. The essays are thematically diverse. Among the topics covered are technogenic knowledge, visions of technology, risks and

uncertainties, mediatization, digitalization, and datafication, engineering practice and ethics, alternative technoscientific strategies, ontotechnologies of the body, virtual and archive. The contributions also explore other themes that are more closely related to the semi-peripheral world, such as technological dependence and the incorporation of Western technology into the social structure of ancestral communities. This book appeals to students and researchers and provides a voice to authors whose work are not usually available in English-language publications. It serves as an ideal guide for all those who seek rigorous and geographically widespread knowledge regarding thinking on technology in several Portuguese-speaking countries.

Readings on Color: The philosophy of color - Alex Byrne 1997

Color is an endlessly fascinating subject to philosophers, scientists, and laypersons, as well as an

instructive microcosm of cognitive science. In these two anthologies, Alex Byrne and David Hilbert present a survey of the important recent philosophical and scientific writings on color. The introduction to volume 1 provides a philosophical background and links the philosophical issues to the empirical work covered in volume 2. The bibliography in volume 1 is an extensive resource for those doing philosophical work on color. The scientific selections in volume 2 present work in color science that is relevant to philosophical thinking about color; the material is comprehensive and sophisticated enough to be useful to the scientific reader. The introduction to volume 2 is an overview of color science; the volume also contains suggestions for further reading.

Society, Ethics, and Technology - Morton Winston
2013-01-18

From today's headlines to your textbook, SOCIETY, ETHICS,

AND TECHNOLOGY, Fifth Edition, explores the cutting edge of technological innovation and how these advances represent profound moral dilemmas for society as a whole. You will build a strong foundation in theory and applied ethics as you are challenged to examine critically the social effects of technology in your daily life. This timely anthology, filled with cutting-edge work from prominent scholars and thinkers, focuses on current technological issues and ethical debates. Insightful introductions and focus questions before each piece help put readings in context and to establish frameworks for ethical decision-making. The readings examine the consequences of technological change from a variety of historical, social, and philosophical perspectives. Special coverage of the history of technology focuses on ground-breaking developments, as well as the technological underpinnings of contemporary globalization.

New articles examine the impact of contemporary technological advances, such as nanotechnology, artificial intelligence, and social media. In addition, the book explores the future of technology in such areas as human rights, overpopulation, biotechnology, information technology, climate change, and the environment. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Key Concepts in Eastern Philosophy - Oliver Leaman
2002-09-11

Key Concepts in Eastern Philosophy provides an extensive glossary of the main terms and concepts used in Eastern philosophy. The book includes definitions of philosophical ideas linked to the national traditions of: * Persia * India * Islamic world * China * Japan * Tibet including concepts from: * Zoroastrianism * Hinduism * Sufism * Islam * Confucianism * Shintoism * Taoism * Buddhism Each entry includes

a guide for further reading and critical analysis, and is cross-referenced with associated concepts and is in easy-to-use A-Z format.

Philosophical Perspectives on Technology and Psychiatry - James Phillips
2009

Technology has had, and will continue to have, a major effect on the field of psychiatry - in diagnosis, treatment, and prevention. In a collection of stimulating and thought-provoking chapters, this book exams how technology has come to influence and drive psychiatry forward, and considers at just what cost these developments have been made.

Philosophy of Psychology: Contemporary Readings - Jose Luis Bermudez
2007-01-24
Philosophy of Psychology: Contemporary Readings is a comprehensive anthology that includes classic and contemporary readings from leading philosophers. Addressing in depth the major topics within philosophy of psychology, the editor has

carefully selected articles under the following headings: pictures of the mind commonsense psychology representation and cognitive architecture. Articles by the following philosophers are included: Blackburn, Churchland, Clark, Cummins, Dennett, Davidson, Fodor, Kitcher, Lewis, Lycan, McDowell, McLeod, Rey, Segal, Stich. Each section includes a helpful introduction by the editor which aims to guide the student gently into the topic. The book is highly accessible and provides a broad-ranging exploration of the subject, including discussion of the leading philosophers in the field. Ideal for any student of philosophy of psychology or philosophy of mind.

Medieval Philosophy - Gyula Klima 2007-07-30

This collection of readings with extensive editorial commentary brings together key texts of the most influential philosophers of the medieval era to provide a comprehensive introduction for students of philosophy.

Features the writings of

Augustine, Thomas Aquinas, Boethius, John Duns Scotus and other leading medieval thinkers Features several new translations of key thinkers of the medieval era, including John Buridan and Averroes Readings are accompanied by expert commentary from the editors, who are leading scholars in the field

The Philosophy of Artificial Life - Margaret A. Boden 1996

This new volume in the acclaimed Oxford Readings in Philosophy series offers a selection of the most important philosophical work being done in the new and fast-growing interdisciplinary area of artificial life. Artificial life research seeks to synthesize the characteristics of life by artificial means, particularly employing computer technology. The essays here explore such fascinating themes as the nature of life, the relation between life and mind, and the limits of technology.

Introductory Readings in the Philosophy of Science -

Elmer Daniel Klemke 1998

This popular reader has been vastly updated with ten stimulating new selections on the natural and the social sciences: feminism; postmodernism, relativism, and science; confirmation, acceptance, and theory; explanatory unification; and science and values. Retaining the best essays from the previous editions, the editors have added important new pieces to maintain this influential text's relevance.

Reality+: Virtual Worlds and the Problems of Philosophy -

David J. Chalmers 2022-01-25

A leading philosopher takes a mind-bending journey through virtual worlds, illuminating the nature of reality and our place within it. Virtual reality is genuine reality; that's the central thesis of Reality+. In a highly original work of "technophilosophy," David J. Chalmers gives a compelling analysis of our technological future. He argues that virtual worlds are not second-class worlds, and that we can live a meaningful life in virtual reality. We may even be in a

virtual world already. Along the way, Chalmers conducts a grand tour of big ideas in philosophy and science. He uses virtual reality technology to offer a new perspective on long-established philosophical questions. How do we know that there's an external world? Is there a god? What is the nature of reality? What's the relation between mind and body? How can we lead a good life? All of these questions are illuminated or transformed by Chalmers' mind-bending analysis. Studded with illustrations that bring philosophical issues to life, Reality+ is a major statement that will shape discussion of philosophy, science, and technology for years to come.

Philosophy of Technology:

Oxford Bibliographies

Online Research Guide -

Soren Riis 2010-06

This ebook is a selective guide designed to help scholars and students of social work find reliable sources of information by directing them to the best available scholarly materials in whatever form or format they

appear from books, chapters, and journal articles to online archives, electronic data sets, and blogs. Written by a leading international authority on the subject, the ebook provides bibliographic information supported by direct recommendations about which sources to consult and editorial commentary to make it clear how the cited sources are interrelated related. This ebook is a static version of an article from Oxford Bibliographies Online: Philosophy, a dynamic, continuously updated, online resource designed to provide authoritative guidance through scholarship and other materials relevant to the study Philosophy. Oxford Bibliographies Online covers most subject disciplines within the social science and humanities, for more information visit www.oxfordbibliographies.com. Extimate Technology - Ciano Aydin 2021-01-20 This book investigates how we should form ourselves in a world saturated with technologies that are

profoundly intruding in the very fabric of our selfhood. New and emerging technologies, such as smart technological environments, imaging technologies and smart drugs, are increasingly shaping who and what we are and influencing who we ought to be. How should we adequately understand, evaluate and appreciate this development? Tackling this question requires going beyond the persistent and stubborn inside-outside dualism and recognizing that what we consider our "inside" self is to a great extent shaped by our "outside" world. Inspired by various philosophers - especially Nietzsche, Peirce and Lacan -this book shows how the values, goals and ideals that humans encounter in their environments not only shape their identities but also enable them to critically relate to their present state. The author argues against understanding technological self-formation in terms of making ourselves better, stronger and smarter. Rather,

we should conceive it in terms of technological sublimation, which redefines the very notion of human enhancement. In this respect the author introduces an alternative, more suitable theory, namely Technological Sublimation Theory (TST). Extimate Technology will be of interest to scholars and advanced students working in philosophy of technology, philosophy of the self, phenomenology, pragmatism, and history of philosophy.

Philosophy of Technology - Maarten J Verkerk 2015-09-16

Philosophy of Technology: An introduction for technology and business students is an accessible guide to technology's changes, their ubiquitousness, and the many questions these raise. Designed for those with no philosophical background in mind, it is ideal for technology and engineering students or specialists who want to learn to think critically about how their work influences society and our daily lives. The technological, business environment and daily experiences are the starting

point of the book and the authors' reflect upon these practices from a philosophical point of view. The text goes on to present a critical analysis of the subject including development, manufacturing, sales and marketing and the use of technological products and services. The abstract ideas are made easier to grasp with a story-telling approach: a vivid history of the discipline and colourful portraits of the core thinkers in this domain, as well as four case studies drawing from various engineering disciplines to demonstrate how philosophy can and should influence technology in practice. The first comprehensive introduction to this vibrant young sub-discipline in over 20 years, this is an ideal textbook for students of technology and engineering beginning a course or project in the philosophy of their subject.

Readings on Laws of Nature - John W. Carroll 2004

As a subject of inquiry, laws of nature exist in the overlap between metaphysics and the

philosophy of science. Over the past three decades, this area of study has become increasingly central to the philosophy of science. It also has relevance to a variety of topics in metaphysics, philosophy of mind, philosophy of language, and epistemology. Readings on Laws of Nature is the first anthology to offer a contemporary history of the problem of laws. The book is organized around three key issues: the matter of distinguishing laws from mere correlations, questions concerning inductive reasoning and laws, and the consideration of whether there are any true laws in science. Designed for class use, the anthology covers a remarkably broad range of views and concerns, and consists exclusively of articles that have proved highly influential in the field. Readings on Laws of Nature will also serve as a valuable research and reference tool for philosophers who do not specialize in the subject, but who have occasion to examine concepts relating to

the laws of nature in their own work.

For and Against the State -

John T. Sanders 1996-06-28

Is government justified? This perennial question is central to political philosophy and has never been more alive than at the present time, in the midst of continuing political and social upheaval worldwide.

This collection of new essays by thirteen philosophers addresses questions of political authority in light of recent work in political theory.

Whether supporters or critics of the state, the authors make their arguments using up-to-date analytical tools, such as game and decision theory, and the hindsight provided by modern history. For and Against the State will be an important collection for students of philosophy, politics, economics, and history.

Technology and Values - Craig Hanks 2009-05-04

This anthology features essays and book excerpts on technology and values written by preeminent figures in the field from the early 20th

century to the present. It offers an in-depth range of readings on important applied issues in technology as well. Useful in addressing questions on philosophy, sociology, and theory of technology Includes wide-ranging coverage on metaphysics, ethics, and politics, as well as issues relating to gender, biotechnology, everyday artifacts, and architecture A good supplemental text for courses on moral or political problems in which contemporary technology is a unit of focus An accessible and thought-provoking book for beginning and advanced undergraduates; yet also a helpful resource for graduate students and academics

Philosophy of Science - Yuri Balashov 2002

This comprehensive anthology draws together writings by leading philosophers of science and will prove invaluable for any philosophy of science course.

Readings in the Philosophy of Technology - David M. Kaplan 2009-10-16

Ideal for professors who want to provide a comprehensive set of the most important readings in the philosophy of technology, from foundational to the cutting edge, this book introduces students to the various ways in which societies, technologies, and environments shape one another. The readings examine the nature of technology as well as the effects of technologies upon human knowledge, activities, societies, and environments. Students will learn to appreciate the ways that philosophy informs our understanding of technology, and to see how technology relates to ethics, politics, nature, human nature, computers, science, food, and animals.

Technology Ethics - Gregory J. Robson 2023-01-31

The first of its kind, this anthology in the burgeoning field of technology ethics offers students and other interested readers 32 chapters, each written in an accessible and lively manner specifically for this volume. The chapters are

conveniently organized into five parts: I. Perspectives on Technology and its Value II. Technology and the Good Life III. Computer and Information Technology IV. Technology and Business V. Biotechnologies and the Ethics of Enhancement A hallmark of the volume is multidisciplinary contributions both (1) in "analytic" and "continental" philosophies and (2) across several hot-button topics of interest to students, including the ethics of autonomous vehicles, psychotherapeutic phone apps, and bio-enhancement of cognition and in sports. The volume editors, both teachers of technology ethics, have compiled a set of original and timely chapters that will advance scholarly debate and stimulate fascinating and lively classroom discussion.

Downloadable eResources (available from www.routledge.com/9781032038704) provide a glossary of all relevant terms, sample classroom activities/discussion questions relevant for chapters, and links to Stanford

Encyclopedia of Philosophy entries and other relevant online materials. Key Features: Examines the most pivotal ethical questions around our use of technology, equipping readers to better understand technology's promises and perils. Explores throughout a central tension raised by technological progress: maintaining social stability vs. pursuing dynamic social improvements. Provides ample coverage of the pressing issues of free speech and productive online discourse.

Philosophy and Technology -

Carl Mitcham 1972

Philosophy and technology is a comprehensive collection of selected readings treating technology as a general philosophical problem. Theses essays, by such eminent philosophers as Lewis Mumford, Jacques Ellul, José Ortega y Gasset, and Friedrich Dessauer, are divided into five major categories: conceptual issues, ethical and political critiques, religious critiques, existential critiques, and metaphysical studies. Each of

these essays present an in-depth analysis of major arguments and ideas relevant to the particular area and is designed to bring out opposing viewpoints. The essays span the period from 1927 to the present. Read chronologically, they trace the development of the philosophy of technology as a specific

discipline....Philosophy and Technology will serve as excellent source material for undergraduate and graduate students interested in this field as well as in political philosophy, philosophy of science, philosophy of religion, epistemology, and metaphysics" --

Ernst Cassirer on Form and Technology - A. Hoel

2012-08-21

Ernst Cassirer's thought-provoking essay *Form and Technology* (1930) ascribes to technology a new dignity as a genuine tool of the mind in equal company with language and art. Translated here into English it is accompanied by critical essays that explore its current relevance.

[The Ethics of Invention: Technology and the Human Future](#) - Sheila Jasanoff
2016-08-30

We live in a world increasingly governed by technology—but to what end? Technology rules us as much as laws do. It shapes the legal, social, and ethical environments in which we act. Every time we cross a street, drive a car, or go to the doctor, we submit to the silent power of technology. Yet, much of the time, the influence of technology on our lives goes unchallenged by citizens and our elected representatives. In *The Ethics of Invention*, renowned scholar Sheila Jasanoff dissects the ways in which we delegate power to technological systems and asks how we might regain control. Our embrace of novel technological pathways, Jasanoff shows, leads to a complex interplay among technology, ethics, and human rights. Inventions like pesticides or GMOs can reduce hunger but can also cause unexpected harm to people and the environment. Often, as in

the case of CFCs creating a hole in the ozone layer, it takes decades before we even realize that any damage has been done. Advances in biotechnology, from GMOs to gene editing, have given us tools to tinker with life itself, leading some to worry that human dignity and even human nature are under threat. But despite many reasons for caution, we continue to march heedlessly into ethically troubled waters. As Jasanoff ranges across these and other themes, she challenges the common assumption that technology is an apolitical and amoral force. Technology, she masterfully demonstrates, can warp the meaning of democracy and citizenship unless we carefully consider how to direct its power rather than let ourselves be shaped by it. *The Ethics of Invention* makes a bold argument for a future in which societies work together—in open, democratic dialogue—to debate not only the perils but even more the promises of technology.

Readings in the Philosophy of

Technology - David M. Kaplan
2009

This second edition of *Readings in the Philosophy of Technology* examines the nature of technology as well as the effects of technologies upon human knowledge, activities, societies, and environments. The aim of philosophy of technology is to understand, evaluate, and criticize the ways in which technologies reflect as well as change human life and the natural world. Compiled specifically with students and newcomers in mind, this book explores the various ways in which societies, technologies, and environments shape one another. Readers will learn to appreciate the ways that philosophy informs our understanding of technology, and to see how technology relates to ethics, politics, nature, human nature, computers, science, food, and animals.

The Question Concerning Technology, and Other Essays -

Martin Heidegger 1927-1963

"To read Heidegger is to set

out on an adventure. The essays in this volume-- intriguing, challenging, and often baffling to the reader-- call him always to abandon all superficial scanning and to enter wholeheartedly into the serious pursuit of thinking.... "Heidegger is not a 'primitive' or a 'romantic.' He is not one who seeks escape from the burdens and responsibilities of contemporary life into serenity, either through the re-creating of some idyllic past or through the exalting of some simple experience. Finally, Heidegger is not a foe of technology and science. He neither disdains nor rejects them as though they were only destructive of human life. "The roots of Heidegger's thinking lie deep in the Western philosophical

tradition. Yet that thinking is unique in many of its aspects, in its language, and in its literary expression. In the development of this thought Heidegger has been taught chiefly by the Greeks, by German idealism, by phenomenology, and by the scholastic theological tradition. In him these and other elements have been fused by his genius of sensitivity and intellect into a very individual philosophical expression." -- William Lovitt, from the Introduction
Readings in the Philosophy of Social Science - Michael Martin 1994
the first comprehensive anthology in the philosophy of social science to appear since the late 1960s