

# Readings In The Philosophy Of Technology

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**Readings in Interpretation -**  
Andrzej Warminski 1987

*The Transhumanist Reader -*  
Max More 2013-03-05

The first authoritative and comprehensive survey of the origins and current state of transhumanist thinking. The rapid pace of emerging technologies is playing an increasingly important role in overcoming fundamental human limitations. Featuring

core writings by seminal thinkers in the speculative possibilities of the posthuman condition, essays address key philosophical arguments for and against human enhancement, explore the inevitability of life extension, and consider possible solutions to the growing issues of social and ethical implications and concerns. Edited by the internationally acclaimed

founders of the philosophy and social movement of transhumanism, The Transhumanist Reader is an indispensable guide to our current state of knowledge of the quest to expand the frontiers of human nature.

**The Norton Introduction to Philosophy** - Gideon Rosen  
2015-01-14

Edited by a team of four leading philosophers, The Norton Introduction to Philosophy introduces students to contemporary perspectives on major philosophical issues and questions. This text features an impressive array of readings, including 25 specially-commissioned essays by prominent philosophers. A student-friendly presentation, a handy format, and a low price make The Norton Introduction to Philosophy as accessible and affordable as it is up-to-date.

*Philosophy of Mind: Contemporary Readings* - Timothy O'Connor  
2005-07-26

*Philosophy of Mind: Contemporary Readings* is a comprehensive anthology that draws together leading

philosophers writing on the major topics within philosophy of mind. Robb and O'Connor have carefully chosen articles under the following headings: \*Substance Dualism and Idealism \*Materialism \*Mind and Representation

\*Consciousness Each section is prefaced by an introductory essay by the editors which guides the student gently into the topic in which leading philosophers are included. The book is highly accessible and user-friendly and provides a broad-ranging exploration of the subject. Ideal for any philosophy student, this book will prove essential reading for any philosophy of mind course. The readings are designed to complement John Heil's *Philosophy of Mind: A Contemporary Introduction*, Second edition (Routledge 2003), although the anthology can also be used as a stand-alone volume.

*Philosophy and Technology* - Carl Mitcham  
1972

*Philosophy and Technology* is a comprehensive collection of selected readings treating

technology as a general philosophical problem. These 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" --  
*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](http://www.oxfordbibliographies.com).

**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.  
*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.

*HISTORY AND PHILOSOPHY OF SCIENCE AND TECHNOLOGY -Volume IV -*  
Pablo Lorenzano 2010-09-27  
History and Philosophy of Science and Technology is a component of Encyclopedia of Physical Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. The Theme on History and Philosophy of Science and Technology in four volumes covers several topics such as: Introduction to the Philosophy of Science; The Nature and Structure of Scientific Theories Natural Science; A Short History of Molecular Biology; The Structure of the Darwinian Argument In The Origin of Species; History of Measurement Theory; Episodes of XX Century Cosmology: A Historical Approach; Philosophy of Economics; Social Sciences: Historical And Philosophical Overview of Methods And Goals; Introduction to Ethics of

Science and Technology; The Ethics of Science and Technology; The Control of Nature and the Origins of The Dichotomy Between Fact And Value; Science and Empires: The Geo-Epistemic Location of Knowledge; Science and Religion; Scientific Knowledge and Religious Knowledge - Significant Epistemological Reference Points; Thing Called Philosophy of Technology; Transitions from Function-Oriented To Effect-Oriented Technologies. Some Thought on the Nature of Modern Technology; Technical Agency and Sources of Technological Pessimism These four volumes are aimed at a broad spectrum of audiences: University and College Students, Educators and Research Personnel.

**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.

**Definitive Readings in the History, Philosophy, Theories and Practice of Career and Technical Education** - Wang, Victor X.

2010-07-31

Definitive Readings in the History, Philosophy, Theories and Practice of Career and Technical Education brings together definitive writings on CTE by leading figures and by contemporary thinkers in the history, philosophy, practice and theories of the field. Filling a much needed void in existing literature, this book equips scholars and practitioners with knowledge, skills, and attitudes to succeed in the field of CTE.

**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  
Using Words and Things - Mark Coeckelbergh 2017-06-26  
This book offers a systematic framework for thinking about the relationship between language and technology and an argument for interweaving thinking about technology with thinking about language. The main claim of philosophy of technology—that technologies are not mere tools and artefacts not mere things, but crucially and significantly shape what we perceive, do, and are—is re-thought in a way that accounts for the role of language in human technological experiences and practices. Engaging with work by Wittgenstein, Heidegger,

McLuhan, Searle, Ihde, Latour, Ricoeur, and many others, the author critically responds to, and constructs a synthesis of, three "extreme", idealtypes, untenable positions: (1) only humans speak and neither language nor technologies speak, (2) only language speaks and neither humans nor technologies speak, and (3) only technology speaks and neither humans nor language speak. The construction of this synthesis goes hand in hand with a narrative about subjects and objects that become entangled and constitute one another. Using Words and Things thus draws in central discussions from other subdisciplines in philosophy, such as philosophy of language, epistemology, and metaphysics, to offer an original theory of the relationship between language and (philosophy of) technology centered on use, performance, and narrative, and taking a transcendental turn.

**The Whale and the Reactor** - Langdon Winner 2020-03-20  
"In an age in which the

inexhaustible power of scientific technology makes all things possible, it remains to be seen where we will draw the line, where we will be able to say, here are possibilities that wisdom suggest we avoid.”

First published to great acclaim in 1988, Langdon Winner’s groundbreaking exploration of the political, social, and philosophical implications of technology is timelier than ever. He demonstrates that choices about the kinds of technical systems we build and use are actually choices about who we want to be and what kind of world we want to create—technical decisions are political decisions, and they involve profound choices about power, liberty, order, and justice. A seminal text in the history and philosophy of science, this new edition includes a new chapter, preface, and postscript by the author.

*Philosophy of Religion* - Stuart C. Brown 2001

Philosophy of Religion provides an introduction to philosophical

thinking about central aspects of religion.

**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

**Technology Ethics -**

GREGORY J.. TSOU ROBSON (JONATHAN Y.) 2022-12-30

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 sections: 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 Enhancement A hallmark of the volume is multidisciplinary contributions both (1) in analytic and continental philosophy 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. An online eResources site provides 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

**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. *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.

**Theory and Reality** - Peter Godfrey-Smith 2021-07-16  
How does science work? Does it tell us what the world is “really” like? What makes it different from other ways of understanding the universe? In *Theory and Reality*, Peter Godfrey-Smith addresses these questions by taking the reader on a grand tour of more than a hundred years of debate about science. The result is a completely accessible introduction to the main themes of the philosophy of science. Examples and asides engage the beginning student, a glossary of terms explains key concepts, and suggestions for further reading are included at the end of each chapter. Like no other text in this field, *Theory and Reality* combines a survey of recent history of the philosophy of

science with current key debates that any beginning scholar or critical reader can follow. The second edition is thoroughly updated and expanded by the author with a new chapter on truth, simplicity, and models in science.

**Sex/machine** - Patrick D. Hopkins 1998

. . . discusses the complex connections between gender and technology . . . an intriguing and enlightening book, the latest in an outstanding . . . series by Indiana University Press. -- Bruce Hilton, Scripps Howard News Service How does technology influence gender roles? From personal computers and cyberspace to artificial wombs and sex reassignment surgery, technology 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 and altered traditional views of gender.

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.

**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.

*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

*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.

*Confronting Technology* - David Skrbina 2020-01-31

Selected readings and essays in the philosophy of technology  
*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

*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.

**Classic Readings and Cases in the Philosophy of Law** -

Susan Dimock 2016-09-16

With over sixty cases as support, this text presents the philosophy of law as a perpetual series of debates with overlapping lines and cross connections. Using law as a focus to bring into relief many social and political issues of pressing importance in contemporary society, this book encourages readers to think critically and philosophically. Classic Readings and Cases in the Philosophy of Law centers on five major questions: What is law? What, if any, connection must there be between law and morality? When should law be used to restrict the liberty of individuals? To what extent should democratic states permit civil disobedience? What, if anything, justifies the infliction of punishment on those who violate the law? The extensive anthology of cases covers the mundane to the grandest of constitutional

issues, including controversial topics like ownership of genetic material, capital punishment, and gay rights. Brief introductions to each case describe the central issue being litigated, the legal reasoning of the justices—both majority and dissenting—the decision of the court, and its philosophical significance.

**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

**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.

**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.

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.

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.

**Philosophy of Technology** - Frederick Ferré 1995  
In this widely taught

introductory survey, Frederick Ferré explains the fundamental concerns and methods of philosophy and then guides readers through a philosophical inquiry into some of the major issues surrounding technology's impact on our lives. The first half of the book concentrates on key definitions and epistemological issues, including an overview of philosophy as applied to technology, a definition of technology, and an examination of technology as it relates to practical and theoretical intelligence--especially how high technology relates to modern science and how science depends on technical craft. The second half addresses the problems of living with technology. Ferré contrasts Karl Marx's and Buckminster Fuller's "bright" visions of technology and modern existence with the "somber" visions of Martin Heidegger and Herbert Marcuse. Next, in offering direction for an ethical assessment of technology, Ferré poses questions about

workplace automation, computers, nuclear energy, Third World development, and genetic engineering. Finally, the book considers debates about the mutual influences between technology and religion, and technology and metaphysics. A glossary and a list of suggested further readings are included. Providing a philosophical framework that will remain timely in the face of rapid technological change, *Philosophy of Technology* will help students in both the sciences and liberal arts to examine comprehensively their own and society's fundamental beliefs and attitudes about technology.

**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.

*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.

**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.

**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.