

Ethics In Information Technology 3rd Edition

Completely revised and updated, the new fourth edition of this popular text takes an in-depth look at the social costs and moral problems that have arisen by the ever expanded use of the internet, and offers up-to-date legal and philosophical perspectives. It focuses heavily on content control and free speech, intellectual property, privacy and security, and features new content on blogging and social networking. Case studies throughout offer real-life scenarios and include coverage of numerous hot topics. In the process of examining current issues, the text identifies some of the legal disputes that will likely set the standard for future cases.

This book brings feminist philosophy, in the shape of feminist ethics, politics and legal theory, to an analysis of computer ethics problems including hacking, privacy, surveillance, cyberstalking and Internet dating. Adam claims that these issues cannot be properly understood unless we see them as problems relating to gender. For the first time, these issues are put under the feminist spotlight to show that traditional responses reproduce the public/private split which has so often reinforced the causes of women's oppression.

This book considers the question: to what extent does it make sense to qualify technical artefacts as moral entities? The authors' contributions trace recent proposals and topics including instrumental and non-instrumental values of artefacts, agency and artefactual agency, values in and around technologies, and the moral significance of technology. The editors' introduction explains that as 'agents' rather than simply passive instruments, technical artefacts may actively influence their users, changing the way they perceive the world, the way they act in the world and the way they interact with each other. This volume features the work of various experts from around the world, representing a variety of positions on the topic. Contributions explore the contested discourse on agency in humans and artefacts, defend the Value Neutrality Thesis by arguing that technological artefacts do not contain, have or exhibit values, or argue that moral agency involves both human and non-human elements. The book also investigates technological fields that are subject to negative moral valuations due to the harmful effects of some of their products. It includes an analysis of some difficulties arising in Artificial Intelligence and an exploration of values in Chemistry and in Engineering. The Moral Status of Technical Artefacts is an advanced exploration of the various dimensions of the relations between technology and morality. The Sixth Edition of *CyberEthics: Morality and Law in Cyberspace* provides a comprehensive examination of the social costs and moral issues emerging from the ever-expanding use of the internet and new information technologies. Focusing heavily on content control, free speech, intellectual property, and security, the sixth edition offers a legal and philosophical discussion of these critical issues.

Legal and ethical issues have become a standard part of engineering and business schools' curricula. This has not been the case for computer science or management information systems programs, although there has been increasing emphasis on the social skills of these students. This leaves a frightening void in their professional development. Information systems pose unique social challenges, especially for technical professionals who have been taught to think in terms of logic, structures and flows. *Social, Ethical and Policy Implications of Information Technology* focuses on the human impact of information systems, including ethical challenges, social implications, legal issues, and unintended costs and consequences.

"This book is the first publication that takes a genuinely global approach to the diverse ethical issues evoked by Information and Communication Technologies and their possible resolutions. Readers will gain a greater appreciation for the problems and possibilities of genuinely global information ethics, which are urgently needed as information and communication technologies continue their exponential growth"--Provided by publisher.

Provides an in-depth look at the emerging field of online research and the corresponding ethical dilemmas. Issues covered include: autonomy; justice and benevolence; informed consent; privacy; ownership of data; research with minors; and respect for persons.

Revised and updated to reflect new technologies in the field, the fourth edition of this popular text takes an in-depth look at the social costs and moral problems that have emerged by the ever expanding use of the Internet, and offers up-to-date legal and philosophical examinations of these issues. It focuses heavily on content control, free speech, intellectual property, and security while delving into new areas of blogging and social networking. Case studies throughout discuss real-world events and include coverage of numerous hot topics. In the process of exploring current issues, it identifies legal disputes that will likely set the standard for future cases. Instructor Resources: -PowerPoint Lecture Outlines

Luciano Floridi develops an original ethical framework for dealing with the new challenges posed by Information and Communication Technologies (ICTs). ICTs have profoundly changed many aspects of life, including the nature of entertainment, work, communication, education, health care, industrial production and business, social relations, and conflicts. They have had a radical and widespread impact on our moral lives and on contemporary ethical debates. Privacy, ownership, freedom of speech, responsibility, technological determinism, the digital divide, and pornography online are only some of the pressing issues that characterise the ethical discourse in the information society. They are the subject of Information Ethics (IE), the new philosophical area of research that investigates the ethical impact of ICTs on human life and society. Since the seventies, IE has been a standard topic in many curricula. In recent years, there has been a flourishing of new university courses, international conferences, workshops, professional organizations, specialized periodicals and research centres. However, investigations have so far been largely influenced by professional and technical approaches, addressing mainly legal, social, cultural and technological problems. This book is the first philosophical monograph entirely and exclusively dedicated to it. Floridi lays down, for the first time, the conceptual foundations for IE. He does so systematically, by pursuing three goals: a) a metatheoretical goal: it describes what IE is, its problems, approaches and methods; b) an introductory goal: it helps the reader to gain a better grasp of the complex and multifarious nature of the various concepts and phenomena related to computer ethics; c) an analytic goal: it answers several key theoretical questions of great philosophical interest, arising from the investigation of the ethical implications of ICTs.

Although entirely independent of *The Philosophy of Information* (OUP, 2011), Floridi's previous book, *The Ethics of Information* complements it as new work on the foundations of the philosophy of information.

Offering insights and coverage of the field of cyberethics, this book introduces readers to issues in computer ethics. The author combines his years of experience in the field with coverage of concepts and real-world case studies.

Across a variety of disciplines, data and statistics form the backbone of knowledge. To ensure the reliability and validity of data, appropriate measures must be taken in conducting studies and reporting findings. *Research Methods: Concepts, Methodologies, Tools, and Applications* compiles chapters on key considerations in the management, development, and distribution of data. With its focus on both fundamental concepts and advanced topics, this multi-volume reference work will be a valuable addition to researchers, scholars, and students of science, mathematics,

and engineering.

This volume provides the latest outcomes of augmented reality (AR) and virtual reality (VR) research conducted in various industries. It reveals how AR and VR are currently changing the business landscape, and how new innovations provide opportunities for businesses to offer their customers unique services and experiences. Collecting the proceedings of the International AR & VR Conference held in Manchester, UK, in February 2017, the book advances the state of the art in AR and VR technologies and their applications in various industries such as tourism, hospitality, events, fashion, entertainment, retail, education and the gaming industry. The papers presented here cover the most significant topics within the field of AR and VR for both researchers and practitioners, approaching them from a business and management perspective.

Provides a greater understanding of issues, challenges, trends, and technologies effecting the overall utilization and management of information in modern organizations around the world. Information and communication technologies of the 20th century have had a significant impact on our daily lives. They have brought new opportunities as well as new challenges for human development. The Philosopher: Luciano Floridi claims that these new technologies have led to a revolutionary shift in our understanding of humanity's nature and its role in the universe. Floridi's philosophical analysis of new technologies leads to a novel metaphysical framework in which our understanding of the ultimate nature of reality shifts from a materialist one to an informational one. In this world, all entities, be they natural or artificial, are analyzed as informational entities. This book provides critical reflection to this idea, in four different areas: Information Ethics and The Method of Levels of Abstraction The Information Revolution and Alternative Categorizations of Technological Advancements Applications: Education, Internet and Information Science Epistemic and Ontic Aspects of the Philosophy of Information

"This book uses general ethical principles as a basis for solutions to solving ethical problems in information technology use within organizations"--Provided by publisher.

Prominent experts from science and the humanities explore issues in robot ethics that range from sex to war. Robots today serve in many roles, from entertainer to educator to executioner. As robotics technology advances, ethical concerns become more pressing: Should robots be programmed to follow a code of ethics, if this is even possible? Are there risks in forming emotional bonds with robots? How might society—and ethics—change with robotics? This volume is the first book to bring together prominent scholars and experts from both science and the humanities to explore these and other questions in this emerging field. Starting with an overview of the issues and relevant ethical theories, the topics flow naturally from the possibility of programming robot ethics to the ethical use of military robots in war to legal and policy questions, including liability and privacy concerns. The contributors then turn to human-robot emotional relationships, examining the ethical implications of robots as sexual partners, caregivers, and servants. Finally, they explore the possibility that robots, whether biological-computational hybrids or pure machines, should be given rights or moral consideration. Ethics is often slow to catch up with technological developments. This authoritative and accessible volume fills a gap in both scholarly literature and policy discussion, offering an impressive collection of expert analyses of the most crucial topics in this increasingly important field.

This volume collects key influential papers that have animated the debate about information computer ethics over the past three decades, covering issues such as privacy, online trust, anonymity, values sensitive design, machine ethics, professional conduct and moral responsibility of software developers. These previously published articles have set the tone of the discussion and bringing them together here in one volume provides lecturers and students with a one-stop resource with which to navigate the debate.

Professional IT practitioners need not only the appropriate technical skills, but also a broad understanding of the context in which they operate. This book provides a unique introduction to: social, legal, financial, organizational and ethical issues in the context of the IT industry; the role of professional codes of conduct and ethics; and key legislation. It is designed to accompany the BCS Professional Examination Core Diploma Module: Professional Issues in Information Systems Practice.

The emergence of cloud computing, internet of things, mobile technologies, and social networking have created better-connected members of the public who are digitally linked with each other in real time. Establishing this two-way interaction between citizens and governments has thus become attractive and an expected feature of governments worldwide. Previously, federal and local governments relied on first-generation technologies to provide basic levels of automation and digitization. Now, because of their desire to become more open, transparent, accountable, and connected, newer technologies including cloud computing, mobile networking, big data analytics, Web 2.0, and social media must be developed and utilized. Web 2.0 and Cloud Technologies for Implementing Connected Government is an essential reference source that presents various dimensions of connected government and connected e-governance visions as well as the latest emerging technologies. Offering development methodologies, practical examples, best practices, case studies, and the latest research, this book covers new strategies for implementing better-connected government models and the technologies that serve to establish these frameworks, including in-depth examinations of mobile technologies, automation, business intelligence, etc. as well as the various ethical and security issues surrounding the use and protection of data. This book is essential for federal, state, and local government officials; policymakers; civil servants; IT specialists; security analysts; academicians; researchers; and students.

This handbook provides an accessible overview of the most important issues in information and computer ethics. It covers: foundational issues and methodological frameworks; theoretical issues affecting property, privacy, anonymity, and security; professional issues and the information-related professions; responsibility issues and risk assessment; regulatory issues and challenges; access and equity issues. Each chapter explains and evaluates the central positions and arguments on the respective issues, and ends with a bibliography that identifies the most important supplements available on the topic.

This collection represents the first sustained attempt to grapple with the complex and often paradoxical relationships between surveillance and democracy. Is surveillance a barrier to democratic processes, or might it be a necessary component of democracy? How has the legacy of post 9/11 surveillance developments shaped democratic processes? As surveillance measures are increasingly justified in terms of national security, is there the prospect that a shadow "security state" will emerge? How might new surveillance measures alter the conceptions of citizens and citizenship which are at the heart of democracy? How might new communication and surveillance systems extend (or limit) the prospects for meaningful public activism? Surveillance has become central to human organizational and epistemological endeavours and is a cornerstone of governmental practices in assorted institutional realms. This social

transformation towards expanded, intensified and integrated surveillance has produced many consequences. It has also given rise to an increased anxiety about the implications of surveillance for democratic processes; thus raising a series of questions – about what surveillance means, and might mean, for civil liberties, political processes, public discourse, state coercion and public consent – that the leading surveillance scholars gathered here address.

Our social, educational, professional, and political ethics play a significant role in every aspect of our life. As technology continues to influence our society, these principles need to be valued. *Moral, Ethical, and Social Dilemmas in the Age of Technology: Theories and Practice* highlights the innovations and developments in the ethical features of technology in society. This comprehensive collection brings together research in the areas of computer, engineering, and biotechnical ethics. These theoretical studies and innovative methodologies are essential for researchers, practitioners and philosophers.

Over one billion people use the Internet globally. Psychologists are beginning to understand what people do online, and the impact being online has on behaviour. It's making us re-think many of our existing assumptions about what it means to be a social being. For instance, if we can talk, flirt, meet people and fall in love online, this challenges many of psychology's theories that intimacy or understanding requires physical co-presence. "The Oxford Handbook of Internet Psychology" brings together many of the leading researchers in what can be termed 'Internet Psychology'. Though a very new area of research, it is growing at a phenomenal pace. In addition to well-studied areas of investigation, such as social identity theory, computer-mediated communication and virtual communities, the volume also includes chapters on topics as diverse as deception and misrepresentation, attitude change and persuasion online, Internet addiction, online relationships, privacy and trust, health and leisure use of the Internet, and the nature of interactivity. With over 30 chapters written by experts in the field, the range and depth of coverage is unequalled, and serves to define this emerging area of research. Uniquely, this content is supported by an entire section covering the use of the Internet as a research tool, including qualitative and quantitative methods, online survey design, personality testing, ethics, and technological and design issues. While it is likely to be a popular research resource to be 'dipped into', as a whole volume it is coherent and compelling enough to act as a single text book. "The Oxford Handbook of Internet Psychology" is the definitive text on this burgeoning field. It will be an essential resource for anyone interested in the psychological aspects of Internet use, or planning to conduct research using the 'net'.

In light of the expensive nature of quantitative research, such as experiments, researchers must seek other methods of understanding the world around them. As such, new qualitative methods are gaining ground in the modern research community. *Enhancing Qualitative and Mixed Methods Research with Technology* explores the integration of new digital tools into the research process. Including current information on data visualization, research design, information capture, as well as social media analysis, this publication serves as an ideal reference source for academicians, scientists, information specialists, business managers, and upper-level students involved in interdisciplinary research.

"This book compiles estimable research on the global trend toward the rapidly increasing use of information technology in the public sector, discussing such issues as e-government and e-commerce; project management and information technology evaluation; system design and data processing; security and protection; and privacy, access, and ethics of public information technology"--Provided by publisher.

Ethics in Information Technology The Ethics of Information Technologies Routledge

CyberEthics: Morality and Law in Cyberspace, Third Edition takes an in-depth look at the social costs and moral problems that have arisen by the expanded use of the internet, and offers up-to-date legal and philosophical perspectives. The text focuses heavily on content control and free speech, intellectual property, privacy and security, and has added NEW coverage on Blogging. Case studies featured throughout the text offer real-life scenarios and include coverage of numerous hot topics, including the latest decisions on digital music and movie downloads, the latest legal developments on the Children's Internet Protection Act, and other internet governance and regulation updates. In the process of examining these issues, the text identifies some of the legal disputes that will likely become paradigm cases for more complex situations yet to come.

This book offers an overview of the ethical problems posed by Information Warfare, and of the different approaches and methods used to solve them, in order to provide the reader with a better grasp of the ethical conundrums posed by this new form of warfare. The volume is divided into three parts, each comprising four chapters. The first part focuses on issues pertaining to the concept of Information Warfare and the clarifications that need to be made in order to address its ethical implications. The second part collects contributions focusing on Just War Theory and its application to the case of Information Warfare. The third part adopts alternative approaches to Just War Theory for analysing the ethical implications of this phenomenon. Finally, an afterword by Neelie Kroes - Vice President of the European Commission and European Digital Agenda Commissioner - concludes the volume. Her contribution describes the interests and commitments of the European Digital Agenda with respect to research for the development and deployment of robots in various circumstances, including warfare.

This series is directed to health care professionals who are leading the transformation of health care by using information and knowledge. Launched in 1988 as *Computers in Health Care*, the series offers a broad range of titles: some addressed to specific professions such as nursing, medicine, and health administration; others to special areas of practice such as trauma and radiology. Still other books in the series focus on interdisciplinary issues, such as the computer-based patient record, electronic health records, and networked health care systems. Renamed *Health Informatics* in 1998 to reflect the rapid evolution in the discipline now known as health informatics, the series will continue to add titles that contribute to the evolution of the field. In the series, eminent experts, serving as editors or authors, offer their accounts of innovations in health informatics.

Increasingly, these accounts go beyond hardware and software to address the role of information in influencing the transformation of healthcare delivery systems around the world. The series also increasingly focuses on "peopleware" and the organizational, behavioral, and societal changes that accompany the diffusion of information technology in

