Computer Ethics A Global Perspective

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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.

This Handbook examines the area of consumer behaviour from the perspective of current developments and developing areas for the discipline, to new opportunities that comprehend the nature of consumer choice and its relationship to marketing. Consumer research incorporates perspectives from a spectrum of long-established sciences: psychology, economics and sociology. This Handbook strives to include this multitude of sources of thought, adding geography, neuroscience, ethics and behavioural ecology to this list. Encompassing scholars with a passion for researching consumers, this Handbook highlights important developments in consumer behaviour research, including consumer culture, impulsivity and compulsiveness, ethics and behavioural ecology. It examines evolutionary and neuroscience perspectives as well as consumer choice. Undergraduate and postgraduate students and researchers in marketing with interests in consumer behaviour will find this enriching resource invaluable.

This book discusses key ethical and deontological problems concerning the use of the most common information and communication devices. It focuses on the challenges of the new environments we now find ourselves in thanks to these technologies, and the issues arising from the newly established relationship between the virtual sphere and the real world. Each aspect is analysed by starting from a very specific example or a case study presenting a dilemma that can only be resolved by making a reasoned ethical choice. Rather than thematically addressing only one of the many aspects mentioned above (for example, computer ethics or social network ethics), the book presents a comprehensive introduction to, and a co-ordinated overview of, the various deontological and ethical issues regarding the spread of the most common information and communication technologies.

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.

The censorship and surveillance of individuals, societies, and countries have been a long-debated ethical and moral issue. In consequence, it is vital to explore this controversial topic from all angles. Censorship, Surveillance, and Privacy: Concepts, Methodologies, Tools, and Applications is a vital reference source on the social, moral, religious, and political aspects of censorship and surveillance. It also explores the techniques of technologically supported censorship and surveillance. Highlighting a range of topics such as political censorship, propaganda, and information privacy, this multi-volume book is geared towards government officials, leaders, professionals, policymakers, media specialists, academicians, and researchers interested in the various facets of censorship and surveillance.

The growing presence of digital technologies has caused significant changes in the protection of digital rights. With the ubiquity of these modern technologies, there is an increasing need for advanced media and rights protection. Media Law, Ethics, and Policy in the Digital Age is a key resource on the challenges, opportunities, issues, controversies, and contradictions of digital technologies in relation to media law and ethics and examines occurrences in different socio-political and economic realities. Highlighting multidisciplinary studies on cybercrime, invasion of privacy, and muckraking,

this publication is an ideal reference source for policymakers, academicians, researchers, advanced-level students, government officials, and active media practitioners.

Plotinus and the Moving Image offers the first philosophical discussion on Plotinus' philosophy and film. It discusses Plotinian concepts like "the One" and "the intelligible" in a cinematic context, relates Plotinus' theory of time to the modern time-image, and finds Neoplatonic contemplation in Contemplative Cinema.

Written in clear, accessible prose, the Fourth edition ofComputer Ethics brings together philosophy, law, and technology. The text provides an in-depth exploration and analysis of a broad range of topics regarding the ethical implications of widespread use of computer technology. The approach is normative while also exposing the student to alternative ethical stances.

This book of readings is a flexible resource for undergraduate and graduate courses in the evolving fields of computer and Internet ethics. Each selection has been carefully chosen for its timeliness and analytical depth and is written by a well-known expert in the field. The readings are organized to take students from a discussion on ethical frameworks and regulatory issues to a substantial treatment of the four fundamental, interrelated issues of cyberethics: speech, property, privacy, and security. A chapter on professionalism rounds out the selection. This book makes an excellent companion to CyberEthics: Morality and Law in Cyberspace, Third Edition by providing articles that present both sides of key issues in cyberethics.

Rapid technological advancement has given rise to new ethical dilemmas and security threats, while the development of appropriate ethical codes and security measures fail to keep pace, which makes the education of computer users and professionals crucial. The Encyclopedia of Information Ethics and Security is an original, comprehensive reference source on ethical and security issues relating to the latest technologies. Covering a wide range of themes, this valuable reference tool includes topics such as computer crime, information warfare, privacy, surveillance, intellectual property and education. This encyclopedia is a useful tool for students, academics, and professionals.

"This book develops new models and methodologies for describing user behavior, analyzing their needs and expectations and thus successfully designing user friendly systems"--Provided by publisher.

As computers are increasingly integrated into the classroom, instructors must address a number of pressing ethical questions regarding online behavior, course design, cyberbullying, and student cyber behavior. Ethical Technology Use, Policy, and Reactions in Educational Settings provides state-of-the-art research on the impact of ethical computer use in academia and emphasizes the cyberphilosophical aspects of human-computer interactions. It provides significant analysis of the ethical use of educational Internet and computer applications.

Many challenges lie ahead in the development of a global information society. Culture and democracy are two areas which may be under particular threat. The book reflects on today's complex and uncertain cultural and democratic developments arising as a result of an increasingly global, technologically-connected world. In particular it focuses on the Internet, examining new metaphors for communication, defining the issues at stake and proposing options, actions and solutions. Among the issues discussed were:

multi-cultural developments; cultural sensitivities and the involvement of cultural minorities; generation gaps; gender issues; technology access for the elderly and the disabled; technology transfer.

Computer Ethics: A Case-based Approach teaches students to solve ethical dilemmas in the field of computing, taking a philosophical, rather than a legal, approach to the topic. It first examines the principles of Idealism, Realism, Pragmatism, Existentialism, and Philosophical Analysis, explaining how each of them might be adopted as a basis for solving computing dilemmas. The book then presents a worksheet of key questions to be used in solving dilemmas. Twenty-nine cases, drawn from the real-life experiences of computer professionals, are included in the book as a means to let students experiment with solving ethical dilemmas and identify the philosophical underpinnings of the solutions.

The rapid advancement of information technology in modern societies affects the way we live, communicate, work, and entertain. Computers and computer networks formulate an information age in which traditional ethical questions are re-examined and new questions arise concerning moral standards for human behavior. Computer Ethics: A Global Perspective presents a clear and concise introduction to the ethical and social issues sparked by our ever-growing information society at the local and global level. Designed for use as a main text in undergraduate and graduate courses that focus on computer, business, and applied ethics, the text is also ideal for the Information Technology in a Global Society course for the International Baccalaureate diploma. The text considers the impact of digitized information on individuals and societies and includes discussions on privacy, reliability, security, intellectual property, control, equality of access, and authenticity, with insights from the scientists and philosophers who have attempted to evaluate, explain, and resolve these issues. The text also discusses the social impact of information technology in different areas of human life such as business, health, education, entertainment and politics.

"This scholarly examination of the ethical issues in information technology management covers basic details such as improving user education and developing security requirements as well as more complicated and far-reaching problems such as protecting infrastructure against information warfare. Social responsibility is analyzed with global examples and applications, including knowledge-based society in Latin America, socioeconomics factors of technology in the United States, and system ethics in the Arab world."

Information and Communication Technologies (ICTs) have profoundly changed many aspects of life, including the nature of entertainment, work, communication, education, healthcare, industrial production and business, social relations and conflicts. They have had a radical and widespread impact on our moral lives and hence on contemporary ethical debates. The Cambridge Handbook of Information and Computer Ethics, first published in 2010, provides an ambitious and authoritative introduction to the field, with discussions of a range of topics including privacy, ownership, freedom of speech, responsibility, technological determinism, the digital divide, cyber warfare, and online pornography. It offers an accessible and thoughtful survey of the transformations brought about by ICTs and their implications for the future of human life and society, for the evaluation of behaviour, and for the evolution of moral values and rights. It will be a valuable book for all who are interested in the ethical aspects of the information society in which we live.

This handbook incorporates new developments in automation. It also presents a widespread and well-structured conglomeration of new emerging application areas, such as medical systems and health, transportation, security and maintenance, service, construction and retail

as well as production or logistics. The handbook is not only an ideal resource for automation experts but also for people new to this expanding field.

Globalization, along with its digital and information communication technology counterparts, including the Internet and cyberspace, may signify a whole new era for human rights, characterized by new tensions, challenges, and risks for human rights, as well as new opportunities. Human Rights and Risks in the Digital Era: Globalization and the Effects of Information Technologies explores the emergence and evolution of 'digital' rights that challenge and transform more traditional legal, political, and historical understandings of human rights. Academic and legal scholars will explore individual, national, and international democratic dilemmas--sparked by economic and environmental crises, media culture, data collection, privatization, surveillance, and security--that alter the way individuals and societies think about, regulate, and protect rights when faced with new challenges and threats. The book not only uncovers emerging changes in discussions of human rights, it proposes legal remedies and public policies to mitigate the challenges posed by new technologies and globalization.

Global Perspectives in Information Security, compiled by renowned expert and professor Hossein Bidgoli, offers an expansive view of current issues in information security. Written by leading academics and practitioners from around the world, this thorough resource explores and examines a wide range of issues and perspectives in this rapidly expanding field. Perfect for students, researchers, and practitioners alike, Professor Bidgoli's book offers definitive coverage of established and cutting-edge theory and application in information security.

Managing information technology (IT) on a global scale presents a number of opportunities and challenges. IT can drive the change in global business strategies and improve international coordination. At the same time, IT can be an impediment to achieving globalization. IT as an enabler of and inhibitor to globalization raises interesting questions. Global Perspective of Information Technology Management provides a collection of research works that address relevant IT management issues from a global perspective. As the world economy becomes more interdependent and competition for business continues to be more globally oriented, it has, likewise, become necessary to address the issues of IT management from a broader global focus.

The original edition of this accessible and interdisciplinary textbook was the first to consider the ethical issues of digital media from a global, cross-cultural perspective. This third edition has been thoroughly updated to incorporate the latest research and developments, including the rise of Big Data, AI, and the Internet of Things. The book's case studies and pedagogical material have also been extensively revised and updated to include such watershed events as the Snowden revelations, #Gamergate, the Cambridge Analytica scandal, privacy policy developments, and the emerging Chinese Social Credit System. New sections include "Death Online," "Slow/Fair Technology", and material on sexbots. The "ethical toolkit" that introduces prevailing ethical theories and their applications to the central issues of privacy, copyright, pornography and violence, and the ethics of cross-cultural communication online, has likewise been revised and expanded. Each topic and theory are interwoven throughout the volume with detailed sets of questions, additional resources, and suggestions for further research and writing. Together, these enable readers to foster careful reflection upon, writing about, and discussion of these issues and their possible resolutions. Retaining its student- and classroom-friendly approach, Digital Media Ethics will continue to be the go-to textbook for anyone getting to grips with this important topic.

It is tempting to think that, in the year 2001, our technology is very sophisticated and accordingly, it is very tempting to believe that present-day computer technology is "very advanced" (begging the question of to what?). The fact is that we have only just begun to develop computer

technology, and the recent implementation of the Internet brings us to a special threshold in that development. Development stages require very careful and thoughtful management. What we do now in this present development stage will be profoundly important for future generations. The management of the foundation for the 'evolution' of computer technology is a very special case because it will also become intimately connected with the management of mankind itself, not only in groups or collectively but also, eventually, as a species.

"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.

The third edition of Computer Ethics, by Deborah G. Johnson retains the clear writing and general approach of the widely adopted and respected previous editions. Each chapter begins with a short scenario to introduce the topic and make the issue concrete, followed by a lucid analysis of the issue. Each chapter concludes with study questions and suggested further readings. Author Deborah G. Johnson has updated material throughout this text. Two new chapters on the Internet have been added: one focuses on ethical behavior online, and the other addresses the social implications of the Internet. Topics covered include: What is computer ethics? What are the philosophical foundations of computer ethics? How does computer ethics relate to professional ethics? Privacy. Property rights. Accountability. All topics are presented in compelling and understandable language, so that rigorous, in-depth analysis is accessible to students who may be novices in philosophy or technology studies.

Dorothy Wertz and John Fletcher pioneered the first international study of ethical and social issues in genetics in 18 nations. This book reports and discusses their second and more representative study in 36 nations. The survey focused on actual situations that occur in the practice of medical genetics, presented as case vignettes that can also be used in teaching and policy discussion. Among the issues discussed are privacy, prenatal diagnosis, patient autonomy, directiveness in counseling, sex selection, forensic DNA banking, "genetic discrimination," and "eugenics". This is Dorothy Wertz's final book, as she died in April, 2003. It is a one of a kind cross-cultural study of complex ethical issues in the uses of genetic information. No one else has attempted to look at the international aspects of medical genetics on such a broad scale. The results provide a resource for discussion both within and among nations. Much bioethical and policy discussion now occurs in an information vacuum. The survey showed that what people would do, and their reasons for doing it, differed considerably from what ethicists think they "should" do. Many will be surprised at the results, especially in nations where bioethical discussion is just beginning. Genetics and Ethics in Global Perspective is of interest to medical geneticists, genetic counselors, social scientists and anthropologists who study cross-cultural issues,

bioethicists and bioethics centers and health policy makers.

The primary goal of the Communication and Technology volume (5th within the series "Handbooks of Communication Science") is to provide the reader with a comprehensive compilation of key scholarly literature, identifying theoretical issues, emerging concepts, current research, specialized methods, and directions for future investigations. The internet and web have become the backbone of many new communication technologies, often transforming older communication media, through digitization, to make them compatible with the net. Accordingly, this volume focuses on internet/web technologies. The essays cover various infrastructure technologies, ranging from different kinds of hard-wired elements to a range of wireless technologies such as WiFi, mobile telephony, and satellite technologies. Audio/visual communication is discussed with reference to large-format motion pictures, medium-sized television and video formats, and the small-screen mobile smartphone. There is also coverage of audio-only media, such as radio, music, and voice telephony; text media, in such venues as online newspapers, blogs, discussion forums and mobile texting; and multi-media technologies, such as games and virtual reality.

This interdisciplinary and international handbook captures and shapes much needed reflection on normative frameworks for the production, application, and use of artificial intelligence in all spheres of individual, commercial, social, and public life.

Ethical values in computing are essential for understanding and maintaining the relationship between computing professionals and researchers and the users of their applications and programs. While concerns about cyber ethics and cyber law are constantly changing as technology changes, the intersections of cyber ethics and cyber law are still underexplored. Investigating Cyber Law and Cyber Ethics: Issues, Impacts and Practices discusses the impact of cyber ethics and cyber law on information technologies and society. Featuring current research, theoretical frameworks, and case studies, the book will highlight the ethical and legal practices used in computing technologies, increase the effectiveness of computing students and professionals in applying ethical values and legal statues, and provide insight on ethical and legal discussions of real-world applications.

This Proceedings contains many research and practical papers dealing with the impact and influence of information technology on the global economy.

This book offers an extensive, interdisciplinary overview of dynamic textiles. Specifically, it discusses new findings and design concepts concerning the integration of smart materials into textile substrates and their corresponding dynamic behavior. Introducing the topic of dynamic color in textiles, it presents experimental procedures to achieve color change and dynamic light transmittance in thermochromic textiles, and examines their thermoresponsive behavior and respective

electrical activation. Moreover, it also addresses the topic of dynamic form and reports on the authors' original findings using shape-memory alloys and geometric morphologies based on origami techniques. Covering innovative smart textiles and important considerations in terms of design variables when developing textiles with dynamic qualities, and providing extensive, practice-oriented insights into the interaction of textiles with light, it is primarily intended for academics, researchers and practitioners developing smart, dynamic and interactive textiles. The sections describing in detail the experimental work aimed at the integration of smart materials in textile substrates also appeal to professionals in the textile industry.

In a world that is awash in ubiquitous technology, even the least tech-savvy know that we must take care how that technology affects individuals and society. That governments and organizations around the world now focus on these issues, that universities and research institutes in many different languages dedicate significant resources to study the issues, and that international professional organizations have adopted standards and directed resources toward ethical issues in technology is in no small part the result of the work of Simon Rogerson. – Chuck Huff, Professor of Social Psychology at Saint Olaf College, Northfield, Minnesota In 1995, Apple launched its first WWW server, Quick Time On-line. It was the year Microsoft released Internet Explorer and sold 7 million copies of Windows 95 in just 2 months. In March 1995, the author Simon Rogerson opened the first ETHICOMP conference with these words: We live in a turbulent society where there is social, political, economic and technological turbulence ... it is causing a vast amount of restructuring within all these organisations which impacts on individuals, which impacts on the way departments are set up, organisational hierarchies, job content, span of control, social interaction and so on and so forth. ... Information is very much the fuel of modern technological change. Almost anything now can be represented by the technology and transported to somewhere else. It's a situation where the more information a computer can process, the more of the world it can actually turn into information. That may well be very exciting, but it is also very concerning. That could be describing today. More than 25 years later, these issues are still at the forefront of how ethical digital technology can be developed and utilised. This book is an anthology of the author's work over the past of 25 years of pioneering research in digital ethics. It is structured into five themes: Journey, Process, Product, Future and Education. Each theme commences with an introductory explanation of the papers, their relevance and their interrelationship. The anthology finishes with a concluding chapter which summarises the key messages and suggests what might happen in the future. Included in this chapter are insights from some younger leading academics who are part of the community charged with ensuring that ethical digital technology is realised.

This book analyzes the possibilities for effective global governance of science in Europe, India and China. Authors from the three regions join forces to explore how ethical concerns over new technologies can be incorporated into global science and technology policies. The first chapter introduces the topic, offering a global perspective on embedding ethics in science and technology policy. Chapter Two compares the institutionalization of ethical debates in science, technology and innovation policy in three important

regions: Europe, India and China. The third chapter explores public perceptions of science and technology in these same three regions. Chapter Four discusses public engagement in the governance of science and technology, and Chapter Five reviews science and technology governance and European values. The sixth chapter describes and analyzes values demonstrated in the constitution of the People's Republic of China. Chapter Seven describes emerging evidence from India on the uses of science and technology for socio-economic development, and the quest for inclusive growth. In Chapter Eight, the authors propose a comparative framework for studying global ethics in science and technology. The following three chapters offer case studies and analysis of three emerging industries in India, China and Europe: new food technologies, nanotechnology and synthetic biology. Chapter 12 gathers all these threads for a comprehensive discussion on incorporating ethics into science and technology policy. The analysis is undertaken against the backdrop of different value systems and varying levels of public perception of risks and benefits. The book introduces a common analytical framework for the comparative discussion of ethics at the international level. The authors offer policy recommendations for effective collaboration among the three regions, to promote responsible governance in science and technology and a common analytical perspective in ethics.

The study of the ethical issues related to computer use developed primarily in the 1980s, although a number of important papers were published in previous decades, many of which are contained in this volume. Computer ethics, as the field became known, flourished in the following decades. The emphasis initially was more on the computing profession: on questions related to the development of systems, the behaviour of computing professionals and so on. Later the focus moved to the Internet and to users of computer and related communication technologies. This book reflects these different emphases and has articles on most of the important issues, organised into sections on the history and nature of computer ethics, cyberspace, values and technology, responsibility and professionalism, privacy and surveillance, what computers should not do and morality and machines.

Computer EthicsA Global PerspectiveJones & Bartlett Learning

Now available in three thematic volumes, the second edition of Moral Issues in Global Perspective is a collection of the newest and best articles on current moral issues by moral and political theorists from around the globe. Each volume seeks to challenge the standard approaches to morality and moral issues shaped by Western liberal theory and to extend the inquiry beyond the context of North America. Covering a broad range of issues and arguments, this collection includes critiques of traditional liberal accounts of rights, justice, and moral values, while raising questions about the treatment of disadvantaged groups within and across societies affected by globalization. Providing new perspectives on issues such as war and terrorism, reproduction, euthanasia, censorship, and the environment, each volume of Moral Issues in Global Perspective incorporates work by race, class, feminist, and disability theorists. Moral and Political Theory, the first of the three volumes, surveys a number of traditional Western liberal approaches to moral theory, human rights, justice, and democracy, as well as contemporary critiques of these approaches. With nineteen new essays, three of which were written especially for this edition, this volume covers the necessary theories for understanding moral issues in a global context. Moral Issues in Global Perspective is available in three separate

volumes—Moral and Political Theory, Human Diversity and Equality, and Moral Issues.

Ethics in ICT – An Australian perspective has been written for students studying the Ethics of Information and Computer Technology (ICT) and explores how the potential consequences of our actions can affect user communities. It addresses the topics of ethics, social implications, professional practice and interpersonal communications outlined in the Australian Computer Society (ACS) guidelines for professional accreditation of ICT courses. The authors of this wholly Australian text encourage students preparing for a career in the exciting and ever-changing ICT industry to consider ethical issues and social responsibility. This book is the first systematic scholarly study on the business history of Turkey from the nineteenth century until the present. It aims to place the distinctive characteristics of capitalism in Turkey within a global and comparative perspective, dealing with three related issues. First, it examines the institutional context that shaped the capitalist development in Turkey. Second, it focuses on the corporate actors, entrepreneurs and business enterprises that have led the national economic growth. Third, it explores the ethical foundations and social responsibility of business enterprises in the country. The comparative and historical approach sets the volume apart from previous books on the subject. Business, Ethics and Institutions aims to strengthen scholarly and policy understanding of Turkish capitalism and the diversified business groups which dominate the economy by providing a deep analysis of the evolution of political and social institutions which shaped corporate activity. It demonstrates the key role played by large family-owned business groups in Turkey's development. It also seeks to identify both the similarities and the differences in the Turkish pattern of economic development, making comparisons with Japan, an early example of catch-up, and a more successful model than Turkey. The comparative perspective makes the book highly relevant to a wide range of scholars interested in the institutional foundations of modern capitalism and will be of value to researchers, academics, and students in the fields of business and economic history, ethics, organizational studies, and entrepreneurship.

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