
Description: The Fourth Edition of Ethics and Technology introduces students to issues and controversies that comprise the relatively new field of cyberethics. This textbook examines a wide range of cyberethics issues—from specific issues of moral responsibility to broader social and ethical concerns that affect each of us in our day-to-day lives. Recent developments in machine ethics should also cause students to consider questions about conventional conceptions of autonomy and trust. Such topics and many other engaging ethical controversies—both hypothetical and actual cases—are discussed in this widely used and respected text.

Updates to the 4th Edition include

- New or updated scenarios in each chapter
- New sample arguments in many chapters, which enable students to apply the tools for argument analysis covered in Chapter 3
- Newly designed set of study/exercise questions call Unalyzed Scenarios in each chapter, which can be used for either in-class group projects or outside class assignments
- Additional review, discussion, and essay/presentation questions at the end of many chapters
- Ethical and social aspects of Cloud Computing, including concerns about the privacy and security of users’ data that is increasingly being stored in “the Cloud”
- Concerns about the increasing "personalization" of search results based on queries entered by users on search engines such as Google
- Controversies surrounding Wikileaks and the tension it creates between free speech and responsible journalism
- Concerns affecting "net neutrality" and whether Internet regulation may be required to ensure that service providers on the Internet do not also unduly control the content delivered via their services
- Recent controversies affecting "machine ethics" and the development of "moral machines" or autonomous systems that will be embedded with software designed for making moral decisions
- Questions about our conventional notions of autonomy and trust—can machines be autonomous? Can we trust machines to act in ways that will always be in the best interest of humans?

Contents:

PREFACE xvii

ACKNOWLEDGMENTS xxvii

FOREWORD xxix

CHAPTER 1 INTRODUCTION TO CYBERETHICS: CONCEPTS, PERSPECTIVES, AND METHODOLOGICAL FRAMEWORKS 1

1.1 Defining Key Terms: Cyberethics and Cybertechnology 3

1.2 The Cyberethics Evolution: Four Developmental Phases in Cybertechnology 6

1.3 Are Cyberethics Issues Unique Ethical Issues? 9

1.4 Cyberethics as a Branch of Applied Ethics: Three Distinct Perspectives 14

1.5 A Comprehensive Cyberethics Methodology 24

1.6 A Comprehensive Strategy for Approaching Cyberethics Issues 27

1.7 Chapter Summary 28

CHAPTER 2 ETHICAL CONCEPTS AND ETHICAL THEORIES: ESTABLISHING AND JUSTIFYING A MORAL SYSTEM
CHAPTER 8 INTELLECTUAL PROPERTY DISPUTES IN CYBERSPACE 230

8.1 What is Intellectual Property? 230
8.2 Copyright Law and Digital Media 235
8.3 Patents, Trademarks, and Trade Secrets 242
8.4 Jurisdictional Issues Involving Intellectual Property Laws 244
8.5 Philosophical Foundations for Intellectual Property Rights 245
8.6 The Free Software and the Open Source Movements 250
8.7 The “Common-Good” Approach: An Alternative Framework for Analyzing the
8.8 PIPA, SOPA, and RWA Legislation: Current Battlegrounds in the Intellectual
8.9 Chapter Summary 264

CHAPTER 9 REGULATING COMMERCE AND SPEECH IN CYBERSPACE 269

9.1 Background Issues and Some Preliminary Distinctions 270
9.2 Four Modes of Regulation: The Lessig Model 273
9.3 Digital Rights Management and the Privatization of Information Policy 274
9.4 The Use and Misuse of (HTML) Metatags and Web Hyperlinks 278
9.5 E-Mail Spam 281
9.6 Free Speech vs. Censorship and Content Control in Cyberspace 284
9.7 Pornography in Cyberspace 286
9.8 Hate Speech and Speech that can Cause Physical Harm to Others 292
9.9 “Network Neutrality” and the Future of Internet Regulation 294
9.10 Chapter Summary 297

CHAPTER 10 THE DIGITAL DIVIDE, DEMOCRACY, AND WORK 303

10.1 The Digital Divide 304
10.2 Cybertechnology and the Disabled 309
10.3 Cybertechnology and Race 312
10.4 Cybertechnology and Gender 314
10.5 Cybertechnology, Democracy, and Democratic Ideals 317
10.6 The Transformation and the Quality of Work 324
10.7 Chapter Summary 331

CHAPTER 11 ONLINE COMMUNITIES, CYBER IDENTITIES, AND SOCIAL NETWORKS 337

11.1 Online Communities and Social Networking Services 337
11.2 Virtual Environments and Virtual Reality 343
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

Web Address: http://www.researchandmarkets.com/reports/2329506/
Office Code: SCLOOJI4

Product Format
Please select the product format and quantity you require:

| Quantity | Hard Copy (Paper back): USD 287 + USD 28 Shipping/Handling |

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card:

You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check:

Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer:

Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World