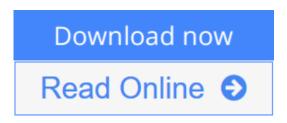# Ethics and Technology: Controversies, Questions, and Strategies for Ethical Computing, 4th Edition

By Herman T. Tavani

Ethics and Technology: Controversies, Questions, and Strategies for Ethical Computing, 4th Edition By Herman T. Tavani

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

New Issues Examined and Analyzed include

- 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?

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Editorial Review

About the Author
Herman T. Tavani is Professor of Philosophy at Rivier College and Co-Director of the International Society for Ethics and Information Technology (INSEIT). He is the author, editor, or co-editor of five books on ethical aspects of information technology.

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