



Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering)

By Spyros G. Tzafestas

Download now

Read Online 

Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas

This volume explores the ethical questions that arise in the development, creation and use of robots that are capable of semiautonomous or autonomous decision making and human-like action. It examines how ethical and moral theories can and must be applied to address the complex and critical issues of the application of these intelligent robots in society.

Coverage first presents fundamental concepts and provides a general overview of ethics, artificial intelligence and robotics. Next, the book studies all principal ethical applications of robots, namely medical, assistive, socialized and war roboethics. It looks at such issues as robotic surgery, children-robot and elderly-robot therapeutic/social interactions and the use of robots, especially autonomous lethal ones, in warfare. In addition, a chapter also considers Japanese roboethics as well as key intercultural and robot legislation issues.

Overall, readers are provided with a thorough investigation into the moral responsibility (if any) of autonomous robots when doing harm. This volume will serve as an ideal educational source in engineering and robotics courses as well as an introductory reference for researchers in the field.

 [Download Roboethics: A Navigating Overview \(Intelligent Sys ...pdf](#)

 [Read Online Roboethics: A Navigating Overview \(Intelligent S ...pdf](#)

Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering)

By Spyros G. Tzafestas

Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas

This volume explores the ethical questions that arise in the development, creation and use of robots that are capable of semiautonomous or autonomous decision making and human-like action. It examines how ethical and moral theories can and must be applied to address the complex and critical issues of the application of these intelligent robots in society.

Coverage first presents fundamental concepts and provides a general overview of ethics, artificial intelligence and robotics. Next, the book studies all principal ethical applications of robots, namely medical, assistive, socialized and war roboethics. It looks at such issues as robotic surgery, children-robot and elderly-robot therapeutical/social interactions and the use of robots, especially autonomous lethal ones, in warfare. In addition, a chapter also considers Japanese roboethics as well as key intercultural and robot legislation issues.

Overall, readers are provided with a thorough investigation into the moral responsibility (if any) of autonomous robots when doing harm. This volume will serve as an ideal educational source in engineering and robotics courses as well as an introductory reference for researchers in the field.

Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas Bibliography

- Rank: #2696463 in eBooks
- Published on: 2015-07-27
- Released on: 2015-07-27
- Format: Kindle eBook

 [Download Roboethics: A Navigating Overview \(Intelligent Sys ...pdf](#)

 [Read Online Roboethics: A Navigating Overview \(Intelligent S ...pdf](#)

Download and Read Free Online Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas

Editorial Review

Review

“This book presents a remarkably complete and concise approach to the field of robot ethics. The book covers a wide range of topics, from both the engineering and philosophical points of view. ... This book is complete enough to make it suitable as a textbook (with additional references) for a standalone course on robot ethics, or as a supplementary text for a course in robotics.” (G. A. Bekey, Computing Reviews, November, 2015)

From the Back Cover

This volume explores the ethical questions that arise in the development, creation and use of robots that are capable of semiautonomous or autonomous decision making and human-like action. It examines how ethical and moral theories can and must be applied to address the complex and critical issues of the application of these intelligent robots in society.

Coverage first presents fundamental concepts and provides a general overview of ethics, artificial intelligence and robotics. Next, the book studies all principal ethical applications of robots, namely medical, assistive, socialized and war roboethics. It looks at such issues as robotic surgery, children-robot and elderly-robot therapeutic/social interactions and the use of robots, especially autonomous lethal ones, in warfare. In addition, a chapter also considers Japanese roboethics as well as key intercultural and robot legislation issues.

Overall, readers are provided with a thorough investigation into the moral responsibility (if any) of autonomous robots when doing harm. This volume will serve as an ideal educational source in engineering and robotics courses as well as an introductory reference for researchers in the field.

Users Review

From reader reviews:

Katie Martinez:

Why? Because this Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) is an unordinary book that the inside of the guide waiting for you to snap the idea but latter it will zap you with the secret it inside. Reading this book adjacent to it was fantastic author who else write the book in such awesome way makes the content on the inside easier to understand, entertaining technique but still convey the meaning fully. So , it is good for you for not hesitating having this any more or you going to regret it. This unique book will give you a lot of advantages than the other book possess such as help improving your proficiency and your critical thinking method. So , still want to delay having that book? If I had been you I will go to the publication store hurriedly.

Anna Elam:

Reading can called thoughts hangout, why? Because if you are reading a book specially book entitled Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) the mind will drift away trough every dimension, wandering in each aspect that maybe mysterious for but surely can be your mind friends. Imaging each and every word written in a reserve then become one web form conclusion and explanation that will maybe you never get ahead of. The Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) giving you another experience more than blown away the mind but also giving you useful data for your better life in this particular era. So now let us teach you the relaxing pattern is your body and mind are going to be pleased when you are finished looking at it, like winning a sport. Do you want to try this extraordinary shelling out spare time activity?

Samantha Flowers:

Reading a book being new life style in this 12 months; every people loves to read a book. When you read a book you can get a lots of benefit. When you read publications, you can improve your knowledge, because book has a lot of information upon it. The information that you will get depend on what kinds of book that you have read. In order to get information about your review, you can read education books, but if you want to entertain yourself look for a fiction books, this sort of us novel, comics, in addition to soon. The Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) will give you new experience in reading through a book.

Bradley Sparks:

This Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) is brand-new way for you who has interest to look for some information given it relief your hunger associated with. Getting deeper you into it getting knowledge more you know or you who still having bit of digest in reading this Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) can be the light food in your case because the information inside this kind of book is easy to get simply by anyone. These books build itself in the form that is certainly reachable by anyone, yep I mean in the e-book form. People who think that in guide form make them feel tired even dizzy this e-book is the answer. So there is no in reading a guide especially this one. You can find actually looking for. It should be here for an individual. So , don't miss the idea! Just read this e-book style for your better life as well as knowledge.

Download and Read Online Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas #V1KMTRFE9ZU

Read Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas for online ebook

Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas books to read online.

Online Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas ebook PDF download

Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas Doc

Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas MobiPocket

Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas EPub

V1KMTRFE9ZU: Roboethics: A Navigating Overview (Intelligent Systems, Control and Automation: Science and Engineering) By Spyros G. Tzafestas