



Arduino Robotics (Technology in Action)

By John-David Warren, Josh Adams, Harald Molle

[Download now](#)

[Read Online](#) 

Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle

This book will show you how to use your Arduino to control a variety of different robots, while providing step-by-step instructions on the entire robot building process. You'll learn Arduino basics as well as the characteristics of different types of motors used in robotics. You also discover controller methods and failsafe methods, and learn how to apply them to your project. The book starts with basic robots and moves into more complex projects, including a GPS-enabled robot, a robotic lawn mower, a fighting bot, and even a DIY Segway-clone.

- Introduction to the Arduino and other components needed for robotics
- Learn how to build motor controllers
- Build bots from simple line-following and bump-sensor bots to more complex robots that can mow your lawn, do battle, or even take you for a ride

Please note: the print version of this title is black & white; the eBook is full color.

What you'll learn

- Basics of motor-control
- Basics of PCB design and fabrication
- R/C control and decoding
- Autonomous sensor guidance
- Frame building from various materials
- Instructions for a variety of robot designs

Who this book is for

Electronics and robotics hobbyists and DIY builders.



[Download Arduino Robotics \(Technology in Action\) ...pdf](#)



[Read Online Arduino Robotics \(Technology in Action\) ...pdf](#)

Arduino Robotics (Technology in Action)

By John-David Warren, Josh Adams, Harald Molle

Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle

This book will show you how to use your Arduino to control a variety of different robots, while providing step-by-step instructions on the entire robot building process. You'll learn Arduino basics as well as the characteristics of different types of motors used in robotics. You also discover controller methods and failsafe methods, and learn how to apply them to your project. The book starts with basic robots and moves into more complex projects, including a GPS-enabled robot, a robotic lawn mower, a fighting bot, and even a DIY Segway-clone.

- Introduction to the Arduino and other components needed for robotics
- Learn how to build motor controllers
- Build bots from simple line-following and bump-sensor bots to more complex robots that can mow your lawn, do battle, or even take you for a ride

Please note: the print version of this title is black & white; the eBook is full color.

What you'll learn

- Basics of motor-control
- Basics of PCB design and fabrication
- R/C control and decoding
- Autonomous sensor guidance
- Frame building from various materials
- Instructions for a variety of robot designs

Who this book is for

Electronics and robotics hobbyists and DIY builders.

Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle

Bibliography

- Rank: #611593 in eBooks
- Published on: 2011-07-14
- Released on: 2011-07-14
- Format: Kindle eBook

 [Download Arduino Robotics \(Technology in Action\) ...pdf](#)

 [Read Online Arduino Robotics \(Technology in Action\) ...pdf](#)

Download and Read Free Online Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle

Editorial Review

About the Author

JD is an electronics hobbyist, builder, and relentless tinkerer. As a child, he took apart everything he owned to figure out how it worked. Since then he has built many different projects ranging from an electric fishing pole to a remote-controlled lawn mower, which was featured on the cover of MAKE magazine in April 2010. Having worked as a builder doing carpentry, plumbing, and electrical work for 8 years, his knowledge is founded in real world experience rather than textbook recitation. In addition to building robots and remote controlled toys, he enjoys automating everyday tasks, blinking LEDs, designing and etching PCBs, and lots of random things in between. Much of his time has been spent researching, building, and testing various motor-controllers to make his bots move. As a self-proclaimed poor man's roboticist, he will always try to find the cheapest way to do something usually by building it himself. JD graduated from the University of Alabama in Birmingham with a degree in Business Management. He currently lives in Birmingham, Alabama with his beautiful wife Melissa and their growing flock of animals.

Users Review

From reader reviews:

Veronica Mei:

As people who live in the modest era should be up-date about what going on or info even knowledge to make these keep up with the era and that is always change and advance. Some of you maybe will update themselves by reading through books. It is a good choice in your case but the problems coming to you actually is you don't know which you should start with. This Arduino Robotics (Technology in Action) is our recommendation to cause you to keep up with the world. Why, as this book serves what you want and want in this era.

Marilyn Vance:

This Arduino Robotics (Technology in Action) usually are reliable for you who want to become a successful person, why. The reason of this Arduino Robotics (Technology in Action) can be one of several great books you must have is definitely giving you more than just simple examining food but feed an individual with information that might be will shock your before knowledge. This book is handy, you can bring it everywhere and whenever your conditions in e-book and printed types. Beside that this Arduino Robotics (Technology in Action) forcing you to have an enormous of experience including rich vocabulary, giving you demo of critical thinking that we understand it useful in your day task. So , let's have it and enjoy reading.

Lou Bryant:

Spent a free the perfect time to be fun activity to accomplish! A lot of people spent their free time with their family, or their friends. Usually they performing activity like watching television, planning to beach, or

picnic in the park. They actually doing ditto every week. Do you feel it? Will you something different to fill your own free time/ holiday? Might be reading a book can be option to fill your no cost time/ holiday. The first thing that you will ask may be what kinds of publication that you should read. If you want to attempt look for book, may be the e-book untitled Arduino Robotics (Technology in Action) can be great book to read. May be it can be best activity to you.

Mathew Holstein:

In this era globalization it is important to someone to obtain information. The information will make anyone to understand the condition of the world. The health of the world makes the information easier to share. You can find a lot of references to get information example: internet, magazine, book, and soon. You can observe that now, a lot of publisher in which print many kinds of book. Often the book that recommended to you is Arduino Robotics (Technology in Action) this guide consist a lot of the information of the condition of this world now. This book was represented how can the world has grown up. The terminology styles that writer require to explain it is easy to understand. The particular writer made some research when he makes this book. That's why this book suitable all of you.

**Download and Read Online Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle
#MGF3HWXV462**

Read Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle for online ebook

Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle 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 Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle books to read online.

Online Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle ebook PDF download

Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle Doc

Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle Mobipocket

Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle EPub

MGF3HWXV462: Arduino Robotics (Technology in Action) By John-David Warren, Josh Adams, Harald Molle