



# **The LEGO MINDSTORMS EV3 Laboratory: Build, Program, and Experiment with Five Wicked Cool Robots!**

*Daniele Benedettelli*

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The LEGO® MINDSTORMS® EV3 set offers so many new and exciting features that it can be hard to know where to begin. Without the help of an expert, it could take months of experimentation to learn how to use the advanced mechanisms and numerous programming features.

In *The LEGO MINDSTORMS EV3 Laboratory*, author Daniele Benedettelli, robotics expert and member of the elite LEGO MINDSTORMS Expert Panel, shows you how to use gears, beams, motors, sensors, and programming blocks to create sophisticated robots that can avoid obstacles, walk on two legs, and even demonstrate autonomous behavior. You'll also dig into related math, engineering, and robotics concepts that will help you create your own amazing robots. Programming experiments throughout will challenge you, while a series of comics and countless illustrations inform the discussion and keep things fun.

As you make your way through the book, you'll build and program five wicked cool robots:

- ROV3R, a vehicle you can modify to do things like follow a line, avoid obstacles, and even clean a room
- WATCHGOOZ3, a bipedal robot that can be programmed to patrol a room using only the Brick Program App (no computer required!)
- SUP3R CAR, a rear-wheel-drive armored car with an ergonomic two-lever remote control
- SENTIN3L, a walking tripod that can record and execute color-coded sequences of commands
- T-R3X, a fearsome bipedal robot that will find and chase down prey

With *The LEGO MINDSTORMS EV3 Laboratory* as your guide, you'll become an EV3 master in no time.

Requirements: One LEGO® MINDSTORMS EV3 set (LEGO SET #31313)

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#### **Debra Palacios:**

People live in this new morning of lifestyle always attempt to and must have the time or they will get large amount of stress from both lifestyle and work. So , if we ask do people have free time, we will say absolutely without a doubt. People is human not just a robot. Then we ask again, what kind of activity are you experiencing when the spare time coming to you of course your answer will certainly unlimited right. Then do you try this one, reading books. It can be your alternative within spending your spare time, typically the book you have read is definitely The LEGO MINDSTORMS EV3 Laboratory: Build, Program, and Experiment with Five Wicked Cool Robots!.

#### **Rachel Cady:**

The book untitled The LEGO MINDSTORMS EV3 Laboratory: Build, Program, and Experiment with Five Wicked Cool Robots! contain a lot of information on it. The writer explains the girl idea with easy approach. The language is very easy to understand all the people, so do not necessarily worry, you can easy to read that. The book was compiled by famous author. The author will take you in the new time of literary works. You can read this book because you can read more your smart phone, or device, so you can read the book with anywhere and anytime. If you want to buy the e-book, you can open up their official web-site and order it. Have a nice read.

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