



The LEGO MINDSTORMS NXT 2.0 Discovery Book: A Beginner's Guide to Building and Programming Robots

Laurens Valk

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Discover the many features of the LEGO MINDSTORMS NXT 2.0 set. *The LEGO MINDSTORMS NXT 2.0 Discovery Book* is the complete, illustrated, beginner's guide to MINDSTORMS that you've been looking for.

The crystal clear instructions in the *Discovery Book* will show you how to harness the capabilities of the NXT 2.0 set to build and program your own robots. Author and robotics instructor Laurens Valk walks you through the set, showing you how to use its various pieces, and how to use the NXT software to program robots. Interactive tutorials make it easy for you to reach an advanced level of programming as you learn to build robots that move, monitor sensors, and use advanced programming techniques like data wires and variables. You'll build eight increasingly sophisticated robots like the Strider (a six-legged walking creature), the CCC (a climbing vehicle), the Hybrid Brick Sorter (a robot that sorts by color and size), and the Snatcher (an autonomous robotic arm). Numerous building and programming challenges throughout encourage you to think creatively and to apply what you've learned as you develop the skills essential to creating your own robots.

Requirements: One LEGO MINDSTORMS NXT 2.0 set (#8547)

Features

- A complete introduction to LEGO MINDSTORMS NXT 2.0
- Building and programming instructions for eight innovative robots
- 50 sample programs and 72 programming challenges (ranging from easy to hard) encourage you to explore newly learned programming techniques
- 15 building challenges expand on the robot designs and help you develop ideas for new robots

Who is this book for?

This is a perfect introduction for those new to building and programming with the LEGO MINDSTORMS NXT 2.0 set. The book also includes intriguing robot designs and useful programming tips for more seasoned MINDSTORMS builders.

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Gary Wilson:

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Judith Bryant:

A lot of people always spent their free time to vacation or perhaps go to the outside with them family or their friend. Were you aware? Many a lot of people spent many people free time just watching TV, or playing video games all day long. If you need to try to find a new activity this is look different you can read any book. It is really fun to suit your needs. If you enjoy the book that you just read you can spent 24 hours a day to reading a book. The book The LEGO MINDSTORMS NXT 2.0 Discovery Book: A Beginner's Guide to Building and Programming Robots it is rather good to read. There are a lot of individuals who recommended this book. These folks were enjoying reading this book. In the event you did not have enough space to bring this book you can buy the e-book. You can m0ore simply to read this book from your smart phone. The price is not too costly but this book provides high quality.

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