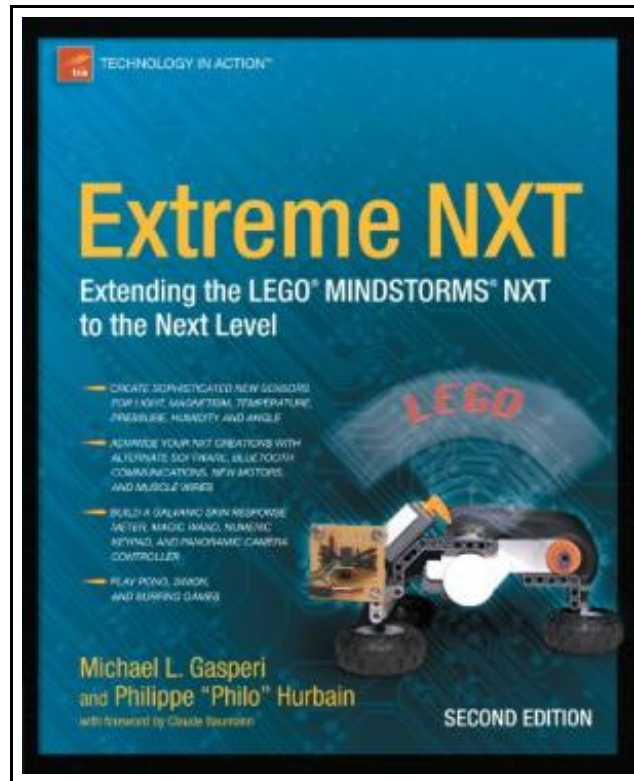


Extreme NXT 2009: Extending the Lego Mindstorms NXT to the Next Level (Paperback)



Filesize: 2.87 MB



Reviews

This book is definitely worth getting. It usually will not price too much. Its been printed in an extremely simple way in fact it is only right after i finished reading this publication where basically altered me, modify the way i think.
(Avery Daugherty)

EXTREME NXT 2009: EXTENDING THE LEGO MINDSTORMS NXT TO THE NEXT LEVEL (PAPERBACK)



aPress, United States, 2009. Paperback. Book Condition: New. 2nd Revised edition. 230 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Although LEGO MINDSTORMS NXT allows anyone to build complex inventions, there are limits to what you can do with what comes inside the box. This book shows you how to advance the NXT with more than 45 exciting projects that include creating a cool magic wand that writes words in thin air, building a remotely guided vehicle, and constructing sophisticated robots that can sense color, light, temperature, and more. All projects are explained with easy-to-follow, step-by-step instructions, so you ll be able to create them successfully whether you re a novice or an expert. This book also shows you how to expand the programming software and use the alternative language NXC. New input devices- such as keypads, sensors, and even the human body-are covered, along with fun games such as surfing, PONG, and SIMON. On the serious side, there are classic engineering challenges such as controlling an inverted pendulum, making a robot that follows a wall, and building several light-seeking vehicles. Some projects are just entertaining, such as the Etch-A-NXT; others are useful, such as a motorized camera mount that takes panoramic photographs. This second edition accounts for the important changes found in the next generation NXT, and it also covers the original concepts in greater depth. Details are presented for practically unlimited expansion of the NXT inputs and outputs by using the I2C communications bus, and several power amplifier designs allow the NXT outputs to drive bigger motors. Instructions are also included for adapting LEGO Power Functions motors to work directly with the NXT.

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