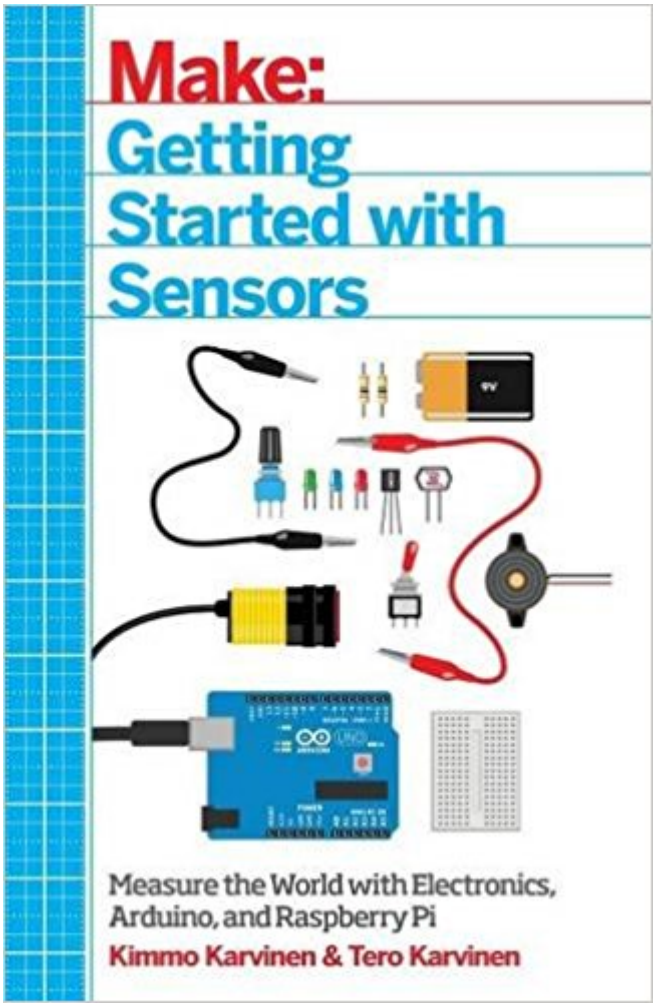
Getting Started With Sensors: Measure The World With Electronics, Arduino, And Raspberry Pi



Synopsis

To build electronic projects that can sense the physical world, you need to build circuits based around sensors: electronic components that react to physical phenomena by sending an electrical signal. Even with only basic electronic components, you can build useful and educational sensor projects.But if you incorporate Arduino or Raspberry Pi into your project, you can build much more sophisticated projects that can react in interesting ways and even connect to the Internet. This book starts by teaching you the basic electronic circuits to read and react to a sensor. It then goes on to show how to use Arduino to develop sensor systems, and wraps up by teaching you how to build sensor projects with the Linux-powered Raspberry Pi.

Book Information

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Customer Reviews

Kimmo Karvinen works as a CTO in hardware manufacturer that specializes in integrated AV and security systems. Before that he worked as a marketing communications project leader and as a creative director and partner in advertisement agency. Kimmo’s education includes a Masters of Art.Tero Karvinen teaches Linux and embedded systems in Haaga-Helia University of Applied Sciences, where his work has also included curriculum development and research in wireless networking. He previously worked as a CEO of a small advertisement agency. Tero’s education includes a Masters of Science in Economics.

Easy to read and follow, clearly illustrated examples.

This is helping me get my weather station up and running.

Very nice hands-on material !

Good intro to sensors and getting started with them and using Arduino.

Very basic coverage. Really didn't learn much from it.

Good.

Great For Beginnes

Excellent informative book.

Getting Started with Sensors: Measure the World with Electronics, Arduino, and Raspberry Pi Raspberry Pi 3: The Ultimate Guide on how to design and build your own projects with Raspberry Pi 3 (Computer Programming, Raspberry Pi 3) (Raspberry Pi ... general,all,new, 2017 updated user guide) Hacking Electronics: Learning Electronics with Arduino and Raspberry Pi, Second Edition Make: Sensors: A Hands-On Primer for Monitoring the Real World with Arduino and Raspberry Pi Programming the Raspberry Pi, Second Edition: Getting Started with Python (Electronics) Getting Started with Adafruit FLORA: Making Wearables with an Arduino-Compatible Electronics Platform Getting Started with Arduino: The Open Source Electronics Prototyping Platform (Make) Getting Started With Raspberry Pi: An Introduction to the Fastest-Selling Computer in the World Making Things Talk: Using Sensors, Networks, and Arduino to See, Hear, and Feel Your World Raspberry Pi and AVR Projects: Augmenting the Pi's ARM with the Atmel ATmega, ICs, and Sensors (Make) Getting Started Knitting Socks (Getting Started series) Make a Raspberry Pi-Controlled Robot: Building a Rover with Python, Linux, Motors, and Sensors Getting Started with Raspberry Pi: Electronic Projects with Python, Scratch, and Linux Getting Started with Raspberry Pi (Make: Projects) Raspberry Pi: The Ultimate Step by Step Guide to Take you from Beginner to Expert, Set Up, Programming, Projects For Raspberry Pi 3, Hints, Tips, Tricks and Much More! Hamshack Raspberry Pi: How to Use the Raspberry Pi for Amateur Radio Activities Raspberry Pi 3: The

Ultimate BeginnerÃ¢â ¬â„¢s Guide! (Raspberry Pi 3) Raspberry Pi :Raspberry Pi Guide On Python & Projects Programming In Easy Steps Getting the Most Out of Makerspaces to Explore Arduino & Electronics Programming Arduino: Getting Started with Sketches, Second Edition (Tab)