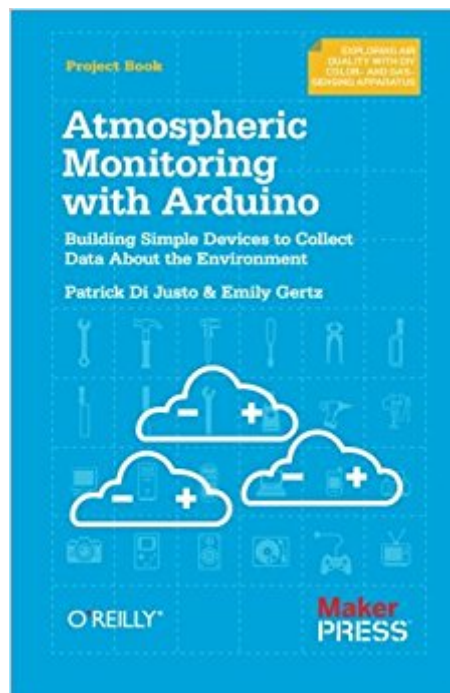**The book was found**

Atmospheric Monitoring With Arduino: Building Simple Devices To Collect Data About The Environment

Synopsis

Makers around the globe are building low-cost devices to monitor the environment, and with this hands-on guide, so can you. Through succinct tutorials, illustrations, and clear step-by-step instructions, youâ ™ll learn how to create gadgets for examining the quality of our atmosphere, using Arduino and several inexpensive sensors.Detect harmful gases, dust particles such as smoke and smog, and upper atmospheric hazeâ ”substances and conditions that are often invisible to your senses. Youâ ™ll also discover how to use the scientific method to help you learn even more from your atmospheric tests.Get up to speed on Arduino with a quick electronics primerBuild a tropospheric gas sensor to detect carbon monoxide, LPG, butane, methane, benzene, and many other gasesCreate an LED Photometer to measure how much of the sunâ ™s blue, green, and red light waves are penetrating the atmosphereBuild an LED sensitivity detectorâ ”and discover which light wavelengths each LED in your Photometer is receptive toLearn how measuring light wavelengths lets you determine the amount of water vapor, ozone, and other substances in the atmosphereUpload your data to Cosm and share it with others via the Internet"The future will rely on citizen scientists collecting and analyzing their own data. The easy and fun gadgets in this book show everyone from Arduino beginners to experienced Makers how best to do that."--Chris Anderson, Editor in Chief of Wired magazine, author of Makers: The New Industrial Revolution (Crown Business)

Book Information

Paperback: 90 pages

Publisher: Maker Media, Inc; 1 edition (December 6, 2012)

Language: English

ISBN-10: 1449338143

ISBN-13: 978-1449338145

Product Dimensions: 5.5 x 0.2 x 8.5 inches

Shipping Weight: 4 ounces (View shipping rates and policies)

Average Customer Review: 3.7 out of 5 starsÂ Â See all reviewsÂ (22 customer reviews)

Best Sellers Rank: #958,698 in Books (See Top 100 in Books)   #88 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Sensors   #368 inÂ Books > Computers & Technology > Hardware & DIY > Single Board Computers   #371 inÂ Books > Science & Math > Experiments, Instruments & Measurement > Experiments & Projects

Customer Reviews

It's a decent project book if you prefer physical books over reading online however there's really nothing in this book that you can't find within an hour of searching on the internet. Forest Mims gets plenty of credit for doing most of the work for them and this is pretty much a rehash of some of his homegrown experiments.

This is a short, reasonably priced book packed with information. It describes two instruments which can be made with an Arduino: a tropospheric gas detector and a photometer. Arduino code is included in the book and can also be downloaded from a web site. The book begins with "The World's Shortest Electronics Primer" and ends with an interesting chapter on the scientific method. There are several books on Arduino projects, and this is a friendly one.

May be good for some, but I have not found this book series (i have two from it) to be useful or informative. If you know nothing about electronics, don't have expectations of being able to do much, or just want a coffeetable book this is ok. Very short and didn't offer much.

I am a novice Arduino "engineer". I enjoyed the simple but, not over simple explanations and how to. At the end of each chapter, after a project they have a little piece on taking the project to the next level. I would have liked maybe a little idea on how the "next step" should be begin. it was kind of like throwing a dog a bone and then teasing with a chunk of meat. Maybe that could be another book?

This is a great book for those that are a mixture of environment fans + Arduino geeks. It is actually mid to advanced level. Not recommended for Arduino beginners. It also sets awesome ideas for further projects. It is clear and straightforward.

Does a great job of bringing together projects if you are interested in atmospheric monitoring. it is straight-forward and personalized enough to inspire interest in the subject. I recommend it.

Book does not give any details on what parts you need to get to make the projects.There is a kit that has them but it I cannot find it.

IVE READ AND DO BELEIVE THAT COULD DO A BETTER JOB WITH PICTURES AND LITTLE MORE EXPLAINING ,U LIVE AND LEARN

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