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Autore	Kusuda Tamami
Titolo	Hourly solar radiation data for vertical and horizontal surfaces on average days in the United States and Canada / / T. Kusuda and K. Ishii
Pubbl/distr/stampa	[Washington] : , : U.S. Dept. of Commerce, National Bureau of Standards : , : For sale by the Supt. of Docs., U.S. Govt. Print. Off., , 1977
Descrizione fisica	1 online resource (v, 405 pages) : illustrations
Collana	NBS building science series ; ; 96
Classificazione	38.80
Disciplina	690/.021 s 697
Soggetti	Solar heating Solar radiation - Canada Solar radiation - United States Chauffage solaire Rayonnement solaire - Etats-Unis Rayonnement solaire - Canada Solar radiation Canada United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes.
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Autore	Choudhuri Kallol Bosu Roy
Titolo	Learn Arduino prototyping in 10 days : your crash course to build innovative devices / / Kallol Bosu Roy Choudhuri
Pubbl/distr/stampa	Birmingham, [England] ; ; Mumbai, [India] : , : Packt Publishing, , 2017 ©2017
ISBN	1-78829-854-3
Edizione	[1st edition]
Descrizione fisica	1 online resource (281 pages) : illustrations, tables
Disciplina	621.3810285
Soggetti	Electronics - Data processing Prototypes, Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	The ultimate power-packed crash course in building Arduino-based projects in just 10 days! About This Book A carefully designed 10-day crash course, covering major project/device types, with 20+ unique hands-on examples Get easy-to-understand explanations of basic electronics fundamentals and commonly used C sketch functions This step-by-step guide with 90+ diagrams and 50+ important tips will help you become completely self-reliant and confident Who This Book Is For This book is a beginner's crash course for professionals, hobbyists, and students who are tech savvy, have a basic level of C programming knowledge, and basic familiarity with electronics, be it for embedded systems or the Internet of Things. What You Will Learn Write Arduino sketches and understand the fundamentals of building prototype circuits using basic electronic components, such as resistors, transistors, and diodes Build simple, compound, and standalone devices with auxiliary storage (SD card), a DC battery, and AC power supplies Deal with basic sensors and interface sensor modules by using sensor datasheets Discover the fundamental techniques of prototyping with actuators Build remote-controlled devices with infrared (IR), radio frequency (RF), and telephony with GSM Learn IoT edge device prototyping (using ESP8266) and IoT cloud configuration In Detail This

book is a quick, 10-day crash course that will help you become well acquainted with the Arduino platform. The primary focus is to empower you to use the Arduino platform by applying basic fundamental principles. You will be able to apply these principles to build almost any type of physical device. The projects you will work through in this book are self-contained micro-controller projects, interfacing with single peripheral devices (such as sensors), building compound devices (multiple devices in a single setup), prototyping standalone devices (powered from independent power sources), working with actuators (such as DC motors), interfacing with an AC-powered device, wireless devices (with Infrared, Radio Frequency and GSM techniques), and finally implementing the Internet of Things (using the ESP8266 series Wi-Fi chip with an IoT cloud platform). The first half of the book focuses on fundamental techniques and building basic types of device, and the final few chapters will show you how to prototype wireless devices. By the end of this book, you will have become acquainted with the fundamental principles in a pragmati...