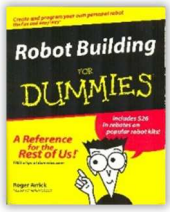
Instituto Politécnico de Castelo Branco
Escola Superior de Tecnologia

BIBLIOTECA
INFOBIB
FOLHA INFORMATIVA

Nº 4 / Junho/Julho de 2017 ISSN: 2182-5947

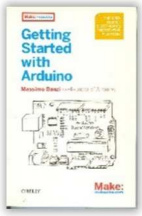
NOVIDADES

Arrick, R. (2003). *Robot building for dummies*. Indianapolis: Wiley



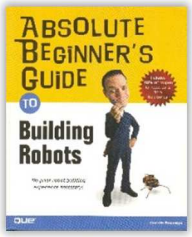
"In this book you get an overview of robotics and the tools, technology, and skills you need to become a robot builder. You discover the various approaches to robot building, such as building from scratch or starting with a kit. You also explore the various mechanical parts of a robot and how they fit together, as well as programing basics you need to enter and download commands into your robot. Finally, you find out how to add functionality such as motion detection and light sensors to your robot."

Banzi, M. (2008*). Getting started with Arduino*. Beijing [etc.]: O´Reillly



"Arduino is the open source electronics prototyping platform that´s taking the design and hobbyist world by storm. This thorough introduction to Arduino gives you lots of ideas for projects and helps you get going on them right away. From getting organized to putting the final touches on your prototype, all the information you need is right in this short book."

Branwyn, G. (2004). *Absolute beginner's guide to building robots*. Indianapolis: Que

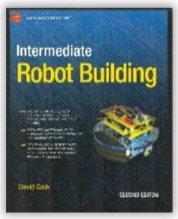


"A robots book for people who are new to this topic, starting from the ground up.
Learn the history of robotics and how it fits into our world today.
Step-by-step tutorials allow you to try your hand at building three robots.
Use spare parts from around the house or inexpensive parts you can buy at a nearby store or online.
Perfect for the student – or parent – tasked with building a robot for a school project."

FICHA TÉCNICA: Título: INFOBIB: folha informativa. Propriedade: IPCB.EST. ISSN: 2182-5947. Periodicidade: bimestral

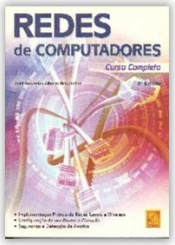
Nº 4 / Junho/Julho de 2017 ISSN: 2182-5947

Cook, D. (2010). *Intermediate robot building*. (2nd ed). New York: Apress



"Intermediate Robot Building, Second edition offers the kind of real-world knowledge that only an experienced robot builder can offer - the kind that other beginners only learn through making mistakes. In this book, you'll learn the value of a robot heartbeat and the purpose of the wavy lines in photocells. You'll find out a superior way to follow lines and what electronic part you should sand. You'll discover how a well-placed switch can help a robot avoid obstacles better than a pair of feelers. And you'll learn how to avoid causing a capacitor to explode."

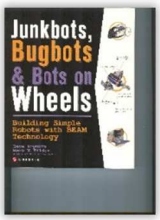
Gouveia, J. & Magalhães, A. (2005). *Redes de computadores: Curso completo*. (5ª ed). Lisboa: FCA



O livro contém os seguintes temas:

- Introdução às redes de computadores;
- O Modelo OSI e o TCP/IP;
- Normas de Redes e Tecnologias WLAN;
- Instalação de uma Rede Wireless;
- Configuração de um Router;
- Tolerância a falhas e segurança;
- Detetar problemas na Rede;
- Firewalls.

Hrynkiw, D. & Tilden, M. W. (2002). Junkbots, bugbots, and bots on wheels: Building simple robots with BEAM technology. New York: McGraw-Hill Osborne



"Junkbots, bugbots, and bots on wheels: Building simple robots with BEAM technology is intented to fill a void in the robotics community – how to actually construct a simple robot out of next to nothing. BEAM technology has proven to be a very effective way to build a simple, effective robot with easily accessible parts."
"This book doesn't pretend to be an all-in-one resource for a new roboticist, but it certainly offers information and techniques not offered anywhere else. The purpose of Junkbots isn't to teach you everyting about robots but to get you up and running in robotics with simple techniques, parts, and projects."

Instituto Politécnico de Castelo Branco
Escola Superior de Tecnologia

BIBLIOTECA INFOBIB
FOLHA INFORMATIVA

Nº 4 / Junho/Julho de 2017 ISSN: 2182-5947

Vassalo, F. R. (1977). *Manual de amplificadores de baixa frequência transistorizados*. Lisboa: Plátano

"No primeiro capítulo introduz-se o leitor nos fundamentos dos meios semicondutores e na teoria do transístor. No segundo capítulo estudam-se as tecnologias mais importantes na fabricação de transístores e o terceiro capítulo é dedicado ao estudo das curvas características dos mesmos..."
"As montagens fundamentais com transístores, a alimentação, acoplamento, controlos e andares de saída dos amplificadores de baixa frequência transistorizados são estudados nos capítulos seguintes. Finalmente no apêndice citam-se as características mínimas exigidas a um amplificador segundo as normas DIN."

PÚBLICAÇÕES PERIÒDICAS

Capa	Título	Numeração	Periodicidade
	Betão	Nº 37 (Maio 2017)	Irregular
	Tecnohospital	Nº 80 (Março/Abril 2017)	Bimestral