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The Robot Book: Build Control 20 Electric Gizmos, Moving Machines, and Hacked Toys

By Bobby Mercer

A Cappella Books, United States, 2014. Paperback. Book Condition: New. 203 x 201 mm. Language: English . Brand New Book. Drones, RC cars, artificial limbs, Roombas--the robots have arrived! Don t you want your own? Author and physics teacher Bobby Mercer will show you how to turn common household objects and repurposed materials into 20 easy-to-build robots for little or no cost. Turn a toothbrush, an old cell phone or pager, and scrap wire into a Brush Bot, or hack a toy car to hotwire a Not-So-Remote Bot. A small electric fan, several craft sticks, and rubber bands make a Fan-Tastic Dancing Machine, and drinking straws, string, tape, and glue can be used to construct a working model of the human hand. Every hands-on project contains a materials list and detailed step-by-step instructions with photos for easy assembly. Mercer also explains the science and technology behind each robot, including concepts such as friction, weight and mass, center of gravity, kinetic and potential energy, electric circuitry, DC vs. AC current, and more. These projects are also perfect for science fairs or design competitions.



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Reviews

Definitely among the best book I have got possibly study. I am quite late in start reading this one, but better then never. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Olga Ledner MD**

Complete guide for publication enthusiasts. I have read and i am sure that i will going to study again once again in the future. Your way of life period will be transform once you total looking over this publication.

-- **Shayne O'Conner**