



Electronic Control Systems: Simulations and Experiments (Paperback)

By Sid Antoch

Zap Studio, LLC, United States, 2012. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Basics of electronic control systems. This book may be used by any reader who wishes to learn by example and experiment. Simulation examples are presented which may be done using LTspice, a simulation program available as a free download from Linear Technology. Experiments provided may be performed using a solder-less breadboard, inexpensive parts, a small power supply, and a digital or USB oscilloscope. Some experiments also require a function generator. All of the experiments demonstrate basic electronic control system principles. The experiments may be easily modified and may serve as the basis for other applications. Analysis suggestions are provided at the end of each experiment. This book may also be used as a supplement to a sophomore level electronic technology course with textbooks such as: Modern Control Technology, by Christopher Kilian, and Industrial Electronics by James A. Rehg and Glen J. Sartori.

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