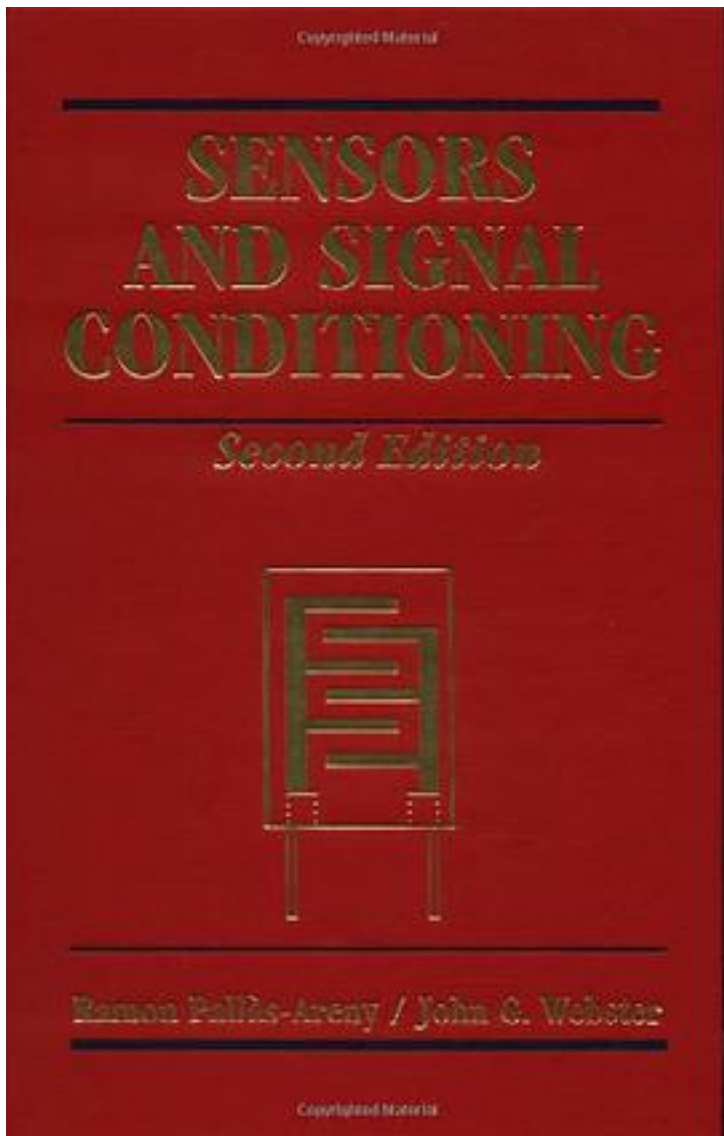


Sensors and Signal Conditioning, 2nd Edition



[Sensors and Signal Conditioning, 2nd Edition 下载链接1](#)

著者:Ramón Pallás-Areny

出版者:Wiley-Interscience

出版时间:2000-11-06

装帧:Hardcover

isbn:9780471332329

Praise for the First Edition . . .

"A unique piece of work, a book for electronics engineering, in general, but well suited and excellently applicable also to biomedical engineering . . . I recommend it with no reservation, congratulating the authors for the job performed." -IEEE Engineering in Medicine & Biology

"Describes a broad range of sensors in practical use and some circuit designs; copious information about electronic components is supplied, a matter of great value to electronic engineers. A large number of applications are supplied for each type of sensor described . . . This volume is of considerable importance."-Robotica

In this new edition of their successful book, renowned authorities Ramon Pallás-Areny and John Webster bring you up to speed on the latest advances in sensor technology, addressing both the explosive growth in the use of microsensors and improvements made in classical macrosensors. They continue to offer the only combined treatment for both sensors and the signal-conditioning circuits associated with them, following the discussion of a given sensor and its applications with signal-conditioning methods for this type of sensor. New and expanded coverage includes:

- * New sections on sensor materials and microsensor technology
- * Basic measurement methods and primary sensors for common physical quantities
- * A wide range of new sensors, from magnetoresistive sensors and SQUIDs to biosensors
- * The widely used velocity sensors, fiber-optic sensors, and chemical sensors
- * Variable CMOS oscillators and other digital and intelligent sensors
- * 68 worked-out examples and 103 end-of-chapter problems with annotated solutions

作者介绍:

目录:

[Sensors and Signal Conditioning, 2nd Edition_下载链接1](#)

标签

and

Signal

Sensors

评论

[Sensors and Signal Conditioning, 2nd Edition_ 下载链接1](#)

书评

[Sensors and Signal Conditioning, 2nd Edition_ 下载链接1](#)