Sensors: An Introductory Course

By Kourosh Kalantar-zadeh

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Sensors: An Introductory Course provides an essential reference on the fundamentals of sensors. The book is designed to help readers in developing skills and the understanding required in order to implement a wide range of sensors that are commonly used in our daily lives. This book covers the basic concepts in the sensors field, including definitions and terminologies. The physical sensing effects are described, and devices which utilize these effects are presented. The most frequently used organic and inorganic sensors are introduced and the techniques for implementing them are discussed.

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Sensors: An Introductory Course By Kourosh Kalantar-zadeh Bibliography

- Sales Rank: #754833 in Books
- Brand: Brand: Springer
- Published on: 2013-03-21
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .50" w x 6.14" l, .0 pounds
- Binding: Hardcover
- 196 pages

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Editorial Review

From the Back Cover

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This book:

Provides a comprehensive representation of the most common sensors and can be used as a reference in relevant fields

Presents learning materials in a concise and easy to understand manner

Includes examples of how sensors are incorporated in real life measurements

Contains detailed figures and schematics to assist in understanding the sensor performance

Sensors: An Introductory Course is ideal for university students at all levels and engineers entering the field with basic background in physics, chemistry and biochemistry as well as electrical, mechanical, and chemical engineers. Researchers and professionals in the area of sensors will also find it to be an invaluable resource.

Users Review

From reader reviews:

Catherine Williams:

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