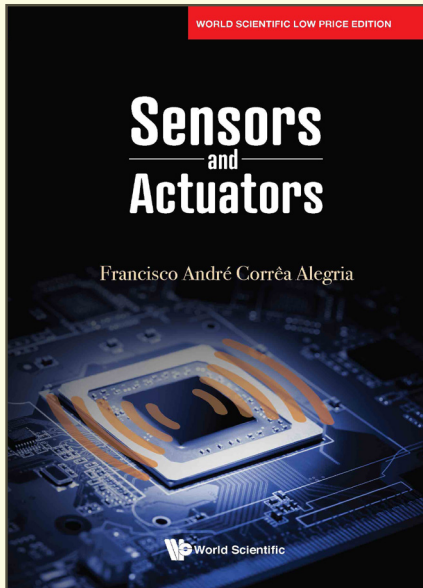


Sensors and Actuators



By **Francisco André Corrêa Alegria**

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ABOUT THE BOOK

This introductory compendium teaches engineering students how the most common electronic sensors and actuators work. It distinguishes from other books by including the physical and chemical phenomena used as well as the features and specifications of many sensors and actuators.

The useful reference text also contains an introductory chapter that deals with their specifications and classification, a chapter about sensor and actuator networks, and a special topic dealing with the fabrication of sensors and actuators using microelectromechanical systems techniques (sensors and actuators on a chip). A set of exercises and six laboratory projects are highlighted.

READERSHIP

Researchers, professionals, academics and graduate students in electrical & electronic engineering, circuits and systems, and general engineering.

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