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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	From the Contents: Design Methodologies of Wireless Sensors Instrumentation systems for Monitoring and Control -- Distributed Energy Management System within Residential Sensor-based Heterogeneous Network Structure -- Use of MEMS Technology in Realizing Single-Parameter and Multi-Parameter Sensing Systems -- Hybrid Networks and Ecological Sensing.
Sommario/riassunto	This book presents the state of the art technologies and solutions to tackle the critical challenges faced by the building and development of the WSN and ecological monitoring system but also potential impact on society at social, medical and technological level. This book is dedicated to Sensing systems for Sensors, Wireless Sensor Networks and Ecological Monitoring. The book aims at Master and PhD degree students, researchers, practitioners, especially WSN engineers involved with ecological monitoring. The book will provide an opportunity of a dedicated and a deep approach in order to improve their knowledge in this specific field. .