

1. Record Nr.	UNINA9910438043903321
Autore	Mukhopadhyay Subhas Chandra
Titolo	Intelligent sensing, instrumentation and measurements // Subhas Chandra Mukhopadhyay
Pubbl/distr/stampa	Berlin ; ; Heidelberg, : Springer, c2013
ISBN	3-642-37027-6
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (xii, 175 pages) : illustrations (chiefly color)
Collana	Smart sensors, measurement and instrumentation, , 2194-8402 ; ; 5
Disciplina	384.3
Soggetti	Wireless sensor networks Computer networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"ISSN: 2194-8402." "ISSN: 2194-8410 (electronic)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Sensors Fundamental -- Interfacing of Sensors and Signal Conditioning -- Wireless Sensors and Sensors Network -- Power Supplies for Sensors -- Software Design for Data Reception and Analysis -- Sensors Signal Processing Techniques.- Description of a Few Projects.
Sommario/riassunto	"Intelligent Sensing, Instrumentation and Measurements" addresses issues towards the development of sensor nodes for wireless Sensor Networks. The fundamentals of sensors, interfacing, power supplies, configuration of sensor node, and GUI development are covered. The book will be useful for engineers and researchers in the field ,especially for higher undergraduate and postgraduate students as well as practitioners working on the development of Wireless Sensor Networks or Smart Sensors.