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ISBN	1-58053-946-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (338 p.)
Disciplina	681/.2
Soggetti	Electronic instruments Measurement Detectors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Computer-based measurement systems -- Temperature sensors -- Stress and pressure sensors -- Signal conditioners -- Digital-to-analog and analog-to-digital converters -- Measurement systems with serial interface -- Wireless measurement systems -- Measurement systems with IEEE-488 interface -- Crate and modular measurement systems -- LAN-based measurement systems -- DAQ boards and virtual instruments.
Sommario/riassunto	"This complete resource on systems and sensors for industrial measurement provides in-depth, practical knowledge of new wireless measurement systems and wireless GSM interfacing that can't be found in any other book. This hands-on reference shows practitioners how to select the right analog-to-digital conversion method best suited for a specific measurement problem, determine whether to use a cable or wireless interface for optimum data transmission, and speed up the data transmission rate in a measurement system with IEEE-488 interface by using the high-speed protocol HS-488. Moreover, the book introduces new, cost-effective measurement technology utilizing WWW servers and LAN computer networks."--Jacket.