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| 1. Record Nr.           | UNINA9910784141603321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Autore                  | Nawrocki Waldemar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Titolo                  | Measurement systems and sensors / / Waldemar Nawrocki                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| ISBN                    | 1-58053-946-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Descrizione fisica      | 1 online resource (338 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Disciplina              | 681/.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Soggetti                | Electronic instruments<br>Measurement<br>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. |