1. Record Nr. UNINA9910299693203321

Titolo	Progress in Automation, Robotics and Measuring Techniques : Volume 3 Measuring Techniques and Systems / / edited by Roman Szewczyk, Cezary Zieliski, Magorzata Kaliczyska
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-15835-X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (350 p.)
Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 352
Disciplina	629.8/312
Soggetti	Computational intelligence Robotics Automation Artificial intelligence Physical measurements Measurement Computational Intelligence Robotics and Automation Artificial Intelligence Measurement Science and Instrumentation
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	From the Contents: Distributed Temperature and Humidity Measurement System Utilizing IQMESH Wireless Routing Algorithms -- Integrated SCADA Check weigher System -- Miniature Transducer of Linear Displacement Based on Miniature Hall Effect Sensors -- Hybrid Vision System for Diagnostics of Technical Objects and Processes -- Functional Performance Testing of Routing Devices in Networks Based on IQMESH Protocol.
Sommario/riassunto	This book presents recent progresses in control, automation, robotics, and measuring techniques. It includes contributions of top experts in the fields, focused on both theory and industrial practice. The particular chapters present a deep analysis of a specific technical problem which is in general followed by a numerical analysis and

simulation, and results of an implementation for the solution of a real world problem. The presented theoretical results, practical solutions and guidelines will be useful for both researchers working in the area of engineering sciences and for practitioners solving industrial problems. .