Record Nr. UNINA9910299471503321 Recent Advances in Automation, Robotics and Measuring Techniques / Titolo / edited by Roman Szewczyk, Cezary Zieliski, Magorzata Kaliczyska Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2014 **ISBN** 3-319-05353-1 Edizione [1st ed. 2014.] 1 online resource (724 p.) Descrizione fisica Collana Advances in Intelligent Systems and Computing, , 2194-5357;; 267 Disciplina 670.427 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 Description based upon print version of record. Note generali Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Nota di contenuto Mass Conservation -- Momentum Conservation -- Energy Conservation -- Charge Conservation. Sommario/riassunto This book presents the recent advances and developments in control, automation, robotics, and measuring techniques. It presents 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 book presents the results of the International Conference AUTOMATION 2014 held 26 - 28 March, 2014

> in Warsaw, Poland on Automation – Innovations and Future Prospectives 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.