Record Nr. UNINA9910254255103321 Challenges in Automation, Robotics and Measurement Techniques: **Titolo** Proceedings of AUTOMATION-2016, March 2-4, 2016, Warsaw, Poland // edited by Roman Szewczyk, Cezary Zieliski, Magorzata Kaliczyska Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2016 **ISBN** 3-319-29357-5 Edizione [1st ed. 2016.] Descrizione fisica 1 online resource (886 p.) Advances in Intelligent Systems and Computing, , 2194-5357;; 440 Collana Disciplina 620 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 contenuto Part I Control and Automation -- Part II Robotics -- Part III Measuring Techniques and Systems. Sommario/riassunto This book presents the set of papers accepted for presentation at the International Conference Automation, held in Warsaw, 2-4 March of 2016. It presents the research results presented by top experts in the fields of industrial automation, control, robotics and measurement techniques. Each chapter presents a thorough analysis of a specific technical problem which is usually followed by numerical analysis. simulation, and description of results of implementation of the solution

of a real world problem. The presented theoretical results, practical

solutions and guidelines will be valuable for both researchers working in the area of engineering sciences and for practitioners solving industrial problems. .