Record Nr. UNINA9910483002203321 EuCoMeS 2018: Proceedings of the 7th European Conference on **Titolo** Mechanism Science / / edited by Burkhard Corves, Philippe Wenger, Mathias Hüsing Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa **ISBN** 3-319-98020-3 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (426 pages) Mechanisms and Machine Science, , 2211-0992; ; 59 Collana 620.107 Disciplina Soggetti Control engineering Robotics Automation Multibody systems Vibration Mechanics, Applied Machinery Control, Robotics, Automation Multibody Systems and Mechanical Vibrations Machinery and Machine Elements Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Sommario/riassunto This volume presents the latest academic research and industrial applications in the area of mechanisms, robotics and dynamics. Contributions cover such topics as biomedical applications, control issues of mechanical systems, dynamics of multi-body systems, experimental mechanics, haptic systems, history of mechanism science, industrial and non-industrial applications, linkages and cams, mechanical transmissions and gears, mechanics of robots and manipulators, theoretical kinematics. Resulting from the 7th European

Conference on Mechanism Science, which was held at RWTH Aachen University on September 4-6, 2018, this works comprises an overview

on current research activities across Europe.