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	Nota di contenuto	Preface -- Part I: Mechanism Design -- Morphing Wings and Control Surfaces: A New Approach in Aircraft Design, by Yavuz Yaman -- Designing Human Powered Balers For Straw Bale Construction in Developing Countries: The Case of Haiti, by Carlo Ferraresi, Walter Franco, Giuseppe Quaglia -- Guiding linkages with remote centre of rotation for thermal cutting processes, by Carsten Teichgräber, Jörg Müglitz, Maik Berger -- Structural Synthesis of 2R1T Type Mechanisms for Minimally Invasive Surgery Applications, by Abdullah Yasr, Gökhan Kiper -- 3R1H Pseudo-Rigid-Body Model for Compliant Mechanisms with Inflection Beams, by Yue-Qing Yu, Shun-Kun Zhu -- A Spatial Four-bar Linkage RSPS for Ball-bar to Test R-pair, by Delun Wang, Zhi

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Sommario/riassunto	This volume contains the proceedings of MeTrApp 2017, the 4th Conference on Mechanisms, Transmissions and Applications, that was held in Trabzon, Turkey, July 3-5, 2017. The topics treated in this volume are Mechanism Design, Parallel Manipulators, Control Applications, Mechanical Transmissions, Cam Mechanisms, and Dynamics of Machinery. The conference was organised by the IFToMM Technical Committees for "Linkages and Mechanical Controls" and "Gearing and Transmissions" under the patronage of the IFToMM and sponsorship of Karadeniz Technical University, Izmir Institute of Technology and IFToMM Turkey (MAKTED). The aim of the conference was to bring together researchers, scientists, industry experts and

students to provide, in a friendly and stimulating environment, the opportunity to exchange know-how and promote collaboration in the field of Mechanism and Machine Science. .