CONTENTS – Special Issue for RAAD 2017

3 Development and Test of FEX, a Fingers Extending Exoskeleton for Rehabilitation and Regaining Mobility

G. Stellin, P. Sale, S. Masiero, F. Becchi and W. Sieklicki

15 UAV Powertrain Efficient Design through a Model-Based Approach

M. Silvagni, M. Chiaberge and F. Tessari

23 Design and Validation of an Inherently Safe Cable-Driven Assisting Device

D. Cafolla, M. Russo and G. Carbone

CONTENTS - Regular Issue

33 A Proposal of Alternative Propulsion System for Manual Wheelchair

G. Quaglia, E. Bonisoli and P. Cavallone

39 3-D ERLS Based Dynamic Formulation for Exible-Link Robots: Theoretical and Numerical Comparison between the Finite Element Method and the Component Mode Synthesis Approaches

R. Vidoni, L. Scalera and A. Gasparetto

51 Design of a New Test Rig Facility to Study the Turbine Thermal Behaviour

E. Campagnoli and M. P. Monterossi

61 Stiffness Evaluation of a Metalforming Industrial Robot

E. Esquivel, P. Rodriguez, G. Carbone, M. Ceccarelli and J. C. Jáuregui

69 Design of a Spherical Pendulum Didactic Test Rig

S. Venturini and E. Bonisoli

The next issue will be specially dedicated to the Technical Committee for Biomechanical Engineering of IFToMM (the International Federation for the Promotion of Mechanism and Machine Science).