

CONTENTS

- 3 **A New Gripper with Piezoceramic Actuators**
G. Belforte, F. Colombo, G. Eula and C. Ferraresi
- 11 **Static and Dynamic Non Linear Identification and Modelling of Pneumatic Digital Valves**
G. Quaglia, M. Sorli and L. Gastaldi
- 25 **Dynamic Models for Shimmy Analysis of Helicopter Landing Gear**
M. Grossini, E. Carrera and A. Abbà
- 43 **Modelling and Simulation of Flywheel Energy Storage Systems for Hybrid Vehicle Drivelines**
C. Delprete and C. Rosso
- 57 **Transient Coupled Theory of Drilling and Wear**
A. Carpinteri and N. Pugno

next number scheduled titles:

An Innovative Manufacturing System Introduces The Laser Flexibility in The Tailored Blanks Production

D. Appendino

Mechanical Failures of Flap Control Systems: Proposal of Advanced Monitoring Techniques

L. Borello and G. Villero

Laser Hole Drilling

D. Appendino

2D and 3D numerical analysis of flow in a Bi-directional Cavo-Pulmonary Anastomosis

C. Delprete and R. Sesana

A Grasp Force Control for a Moving Two-Finger Gripper

M. Ceccarelli, E. Ottaviano, G. Figliolini

A. Simón, D. Herrera, J. A. Cabrera