

## CONTENTS

- 3      Steady State and Transient Analysis of an Adaptive Fluid System**  
*G. Jacazio*
- 13     Flexible Actuator for Oscillating Tail Marine Robot**  
*C. Cataudella, C. Ferraresi and A. Manuello Bertetto*
- 23     On the Gyroscopic Stabilisation of a Single-Track Vehicle: Experimental Results**  
*A. Baldi*
- 31     Pneumatic Robot for Pipe Inspection**  
*A. Manuello Bertetto and M. Ruggiu*
- 39     UNI Standard 8862: Cumulative Damage in Gear Design**  
*G. Curti and F. Curà*

### ***next number scheduled titles:***

Potential Field Method Based Mobile System Motion  
*D. Janglová*

Behaviour Characterisation of oleo-pneumatic Accumulators for Industrial Applications  
*P. Maggiore*

Geometrical parameters influence on the performances of a pneumatic low friction seal  
*G. Belforte, A. Manuello Bertetto and L. Mazza*

Natural frequency analysis of cracked adhesive joints  
*N. Pugno*

Mechanical Transmissions for Electrical and Diesel-Electrical Locomotives  
*G. Roccati and D. Botto*