



VOLUME 23, ISSUE 2, MARCH-APRIL 2004

ISSN 0997-7546

EUROPEAN JOURNAL OF MECHANICS

B/FLUIDS

EUROPEAN JOURNAL OF MECHANICS

B/FLUIDS

An official medium of publication for EUROMECH "European Mechanics Society"

Vol. 23, issue 2, March-April 2004

CONTENTS

Abstracted/indexed in: Applied Mechanics Reviews, CNRS/Pascal, Current Contents/Physics, Chemical and Earth Sciences, INSPEC, Mathematical Reviews, Mechanics Contents, Science Citation Index, Zentralblatt MATH

The stability of the boundary layer on a sphere rotating in a uniform axial flow S.J. Garrett, N. Peake.....	241
Propulsive efficiency of oscillating foils L. Guglielmini, P. Blondeaux	255
Numerical study of flow around an inclined elliptic cylinder oscillating in line with an incident uniform flow S. Kocabiyik, S.J.D. D'Alessio	279
Skin friction and turbulence measurements in a boundary layer with zero-pressure-gradient under the influence of high intensity free-stream turbulence B. Stefes, H.-H. Fernholz	303
Assessment of common turbulence models for an idealised adverse pressure gradient flow C.P. Yorke, G.N. Coleman	319
Numerical simulation of 3-D incompressible, multi-phase flows over cavitating projectiles F.M. Owis, A.H. Nayfeh	339
Experimental and computational study of square cylinder wakes with two-dimensional injection into the base flow region P. Koutmos, D. Papailiou, A. Bakrozin	353
Exponential-algebraic transition in the near-field of low supersonic jets C. Millet, G. Casalis	367
Book review	381