

1988
VOLUME 23
NUMBER 1

INTERNATIONAL JOURNAL OF
**NON-LINEAR
MECHANICS**



رقم الجرد :
رقم الفاتورة :
التاريخ : 30 ماي 1988
الأصل :

Editor-in-Chief: **WILLIAM A. NASH**



Pergamon Press

OXFORD · NEW YORK · BEIJING · FRANKFURT
SÃO PAULO · SYDNEY · TOKYO · TORONTO

INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS

Editor-in-Chief

WILLIAM A. NASH

College of Engineering, University of Massachusetts
Amherst, MA 01002, U.S.A.

VOLUME 23, No. 1

1988

CONTENTS

- | | | |
|--|----|--|
| G. Villari and F. Zanolin | 1 | Some remarks on non-conservative oscillatory systems with periodic solutions |
| E. L. Axelrad and
F. A. Emmerling | 9 | Vector and tensor form of intrinsic shell-theory relations |
| C. Curró and D. Fusco | 25 | Reduction to linear canonical forms and generation of conservation laws for a class of quasi-linear hyperbolic systems |
| M. Abo-Elkhier, G. AE. Oravas
and M. A. Dokainish | 37 | A consistent Eulerian formulation for large deformation analysis with reference to metal-extrusion process |
| W. Fiszdon and M. Sen | 53 | Initial behavior of solutions to the Lorenz equations |
| B. D'Acunto, A. D'Anna
and P. Renno | 67 | On the motion of a viscoelastic solid in the presence of a rigid wall—Part II. Impact laws for the hereditary case. Solution of the unilateral problem |
| J. Awrejcewicz | 87 | Determination of the limits of the unstable zones of the unstationary non-linear mechanical systems |
| | 95 | Announcement |
| | I | Software Survey Section |



Indexed/abstracted in: *Current Contents*,
Engng. Ind. Monthly & Author Index, *Inspec*

ISSN 0020-7462
IJNMAG 23(1) 1-96 (1988)

PERGAMON PRESS

Headington Hill Hall, Oxford OX3 0BW, U.K.

Maxwell House, Fairview Park, Elmsford, NY 10523, U.S.A.