

An International Journal

computers & fluids

Editors: STANLEY G. RUBIN
MARTIN H. BLOOM



PERGAMON PRESS

Oxford · New York · Beijing · Frankfurt · São Paulo · Sydney
Tokyo · Toronto

computers & fluids

An
International
Journal

Contents

Vol. 16, No. 2, 1988

J. H. Morrison and
M. Napolitano

Jeffery S. Dekruif and
Ahmed A. Hassan

Steven Keleti and
X B Reed Jr

D. Leutloff, K. G. Roesner
and R. C. Srivastava

S. Kishore Kumar,
William I. Thacker and
Layne T. Watson

Hiroyuki Kikukawa

Technical Note
J. P. Pulicani

i Softstrip® computer-readable data strip containing
the table of contents of this issue of *Computers & Fluids*

119 Efficient solutions of two-dimensional incompressible
steady viscous flows

133 Implications of truncating semi-infinite physical
domains on the accuracy of the solutions to the
N-S equations

147 Spectral properties of exact random solutions to
Burgers' equation for modified Thomas initial
conditions

175 Numerical solution of converging shock problem

183 Magnetohydrodynamic flow and heat transfer about a
rotating disk with suction and injection at the disk
surface

195 Numerical simulation of tidal residual flow by an
explicit subdomain finite element method

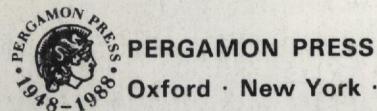
207 A spectral multi-domain method for the solution of
1-D-Helmholtz and Stokes-type equations

I Software Survey Section

INDEXED IN Current Contents, Computer Contents,
BIOSIS Database, Engng Ind. Monthly & Author Index,
PASCAL-CNRS Database, INSPEC

ISSN 0045-7930

CPFLB1 16(2) 119-216 (1988)



PERGAMON PRESS

Oxford · New York · Beijing · Frankfurt · São Paulo · Sydney · Tokyo · Toronto