

Contents of issue 4 vol. XLIII

- 443 S. PIEKARSKI, *Extended field theory of a rigid conductor of heat versus hydrodynamics of a phonon gas. Hilbert iteration*
- 453 E. CANOT and J.-L. ACHARD, *An overview of boundary integral formulations for potential flows in fluid-fluid systems*
- 499 J. R. KLEPACZKO, G. GARY and P. BARBERIS, *Behavior of rock salt in uniaxial compression at medium and high strain rates*
- 519 H. PETRYK, *The energy criteria of instability in time-independent inelastic solids*
- 547 W. KOSIŃSKI and K. SAXTON, *Weak discontinuity waves in materials with semi-empirical temperature scale*

Polish Academy of Sciences

Institute of Fundamental Technological Research

P. 262 ^b



Archives of Mechanics

Archiwum Mechaniki Stosowanej

volume 43

issue 4

Warszawa 1991

<http://rcin.org.pl>

ARCHIVES OF MECHANICS IS DEVOTED TO
Theory of elasticity and plasticity • Theory of nonclassical continua • Physics of continuous media • Mechanics of discrete media • Nonlinear mechanics • Rheology • Fluid gas-mechanics • Rarefied gases • Thermodynamics

FOUNDERS

M. T. HUBER • W. NOWACKI • W. OLSZAK
W. WIERZBICKI

EDITORIAL ADVISORY COMMITTEE

W. SZCZEPIŃSKI—chairman • D. C. DRUCKER
W. FISZDON • P. GERMAIN • W. GUTKOWSKI
G. HERRMANN • T. IWŃSKI • J. RYCHLEWSKI
I. N. SNEDDON • G. SZEFER • Cz. WOŹNIAK
H. ZORSKI

EDITORIAL COMMITTEE

M. SOKOŁOWSKI—editor • A. BORKOWSKI
W. KOSIŃSKI • M. NOWAK • W. K. NOWACKI
P. PERZYNA • H. PETRYK • J. SOKÓŁ-SUPEL
Z. A. WALENTA • B. WIERZBICKA—secretary
S. ZAHORSKI

Copyright 1992 by Polska Akademia Nauk, Warszawa, Poland
Printed in Poland, Editorial Office: Świętokrzyska 21,
00-049 Warszawa (Poland)

Arkuszy wydawniczych 10,5 Arkuszy drukarskich 7,5
Papier offset, kl. III 70 g. B1. Oddano do składania w sierpniu 1991 r.
Druk ukończono w lutym 1991 r. Cena zł 10.000,-
Skład *ArtGraph*
Druk **Grafield**
