

V Polish-French Symposium on Nonlinear Problems of Mechanics

Rydzyzna, June 25-30, 1984

THE POLISH-FRENCH Symposia on Nonlinear Problems of Mechanics represent the natural consequence of constant cooperation between various Polish and French universities and research institutes. As a rule, the Symposia are organized once every three years, by turns in Poland and in France.

The 5th Polish-French Symposium held at Rydzyna near Leszno in June 1984, was generously sponsored by the following institutions: Committee for Mechanics of the Polish Academy of Sciences, Department of Structural Mechanics of the IFTR, Polish Academy of Sciences, International Centre for Mechanical Sciences CISM, Udine, Italy.

The Symposium covered the following fields of nonlinear mechanics: fracture, damage, associated and nonassociated flow laws, small and finite deformations, viscoelasticity and viscoplasticity, homogenization of various media with periodic and quasi-periodic structure, granular media and soil mechanics, unilateral contact problems, propagation of nonlinear waves, non-Newtonian fluids, limit analysis and optimization.

Most of the papers presented at the Symposium may be considered as original and valuable contributions to the fields of mechanics mentioned above.

The Editorial Committee of the Archives of Mechanics kindly offered the possibility to publish a special issue of the Journal comprising the papers presented at the Symposium which had not been published before in other scientific journals. This initiative and assistance offered by the Editorial Committee in preparing the present volume are gratefully acknowledged.

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