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Microlocal Analysis and Applications

Lectures given at the 2nd Session of the
Centro Internazionale Matematico Estivo (C.I.M.E.)
held at Montecatini Terme, Italy, July 3-11, 1989

Editors: L. Cattabriga, L. Rodino

Springer-Verlag

Berlin Heidelberg New York
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Mathematics Subject Classification (1980): 35S05

ISBN 3-540-54948-X Springer-Verlag Berlin Heidelberg New York
ISBN 0-387-54948-X Springer-Verlag New York Berlin Heidelberg

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Typesetting: Camera ready by author
Printing and binding: Druckhaus Beltz, Hemsbach/Bergstr.
46/3140-543210 - Printed on acid-free paper

FOREWORD

The present volume contains the texts of the lectures delivered at the Second 1989 C.I.M.E. Session "Microlocal Analysis and Applications", held in Montecatini (Italy), from July 3 to July 11.

The Session aimed at exposing the foundations of the Microlocal Analysis and presenting some new applications in different areas of the Mathematical Analysis: nonlinear partial differential equations, boundary value problems, Gevrey spaces, spectral theory, singularities of solutions of linear equations. Invited lecturers were Jean-Michel Bony, Gerd Grubb, Lars Hörmander, Hikosaburo Komatsu and Johannes Sjöstrand.

This volume is dedicated to the memory of Lamberto Cattabriga, scientific codirector of the Session, who died on August 1989; we hope the following pages will be an adequate tribute to this eminent research work and to his outstanding human qualities.

Luigi Rodino

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