

# Lecture Notes in Mathematics

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## Functional Analysis and Applications

Proceedings of the Symposium of Analysis  
Universidade Federal de Pernambuco  
Recife, Pernambuco, Brasil, July 9–29, 1972

Edited by Leopoldo Nachbin  
Universidade Federal do Rio de Janeiro and University of Rochester

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## F O R E W O R D

On July 9-29, 1972, a Symposium of Analysis was held at the "Instituto de Matemática da Universidade Federal de Pernambuco", in Recife, Pernambuco, Brazil. The meeting received support from the "Conselho Nacional de Pesquisas (CNPq)", "Coordenação do Aperfeiçoamento do Pessoal de Nível Superior (CAPES)", "Fundação de Amparo à Pesquisa do Estado de S. Paulo (FAPESP)", "Universidade Federal de Pernambuco" and Organization of American States. The Symposium was sponsored by the "Sociedade Brasileira de Matemática".

The organizing committee for this meeting consisted of José Barros Neto, Chaim Samuel Hönig (chairman) and Leopoldo Nachbin (editor). The local organizing committee was formed by Fernando Cardoso, Ruy Luís Gomes and Roberto Ramalho (chairman).

There were over eighty participants from the following countries: Brazil, Colombia, France, Germany, India, Mali, Mexico, Peru, Portugal, Sweden, USA and Venezuela.

The present volume contains the texts of the invited lectures delivered at the Symposium which were submitted to the editor, with the following noteworthy exception. A series of lectures on pseudodifferential and Fourier integral operators offered by François Trèves and expanded into a monograph, was published separately by the "Instituto de Matemática da Universidade Federal de Pernambuco".

*Leopoldo Nachbin*

## CONTENTS

G. COEURÉ, <i>Prolongement Analytique en Dimension Infinie</i> .....	1
M. A. DOSTAL, <i>Some Recent Results on Topological Vector Spaces</i> ....	20
F. TRÈVES, <i>Usefulness of Pseudodifferential and Fourier Integral Operators in the Study of the Local Solvability of Linear Partial Differential Equations</i> .....	92
MARTIN SCHOTTENLOHER, <i>Bounding Sets in Banach Spaces and Regular Classes of Analytic Functions</i> .....	109
JÃO B. PROLLA, <i>Modules of Continuous Functions</i> .....	123
KARL G. ANDERSSON, <i>Wave Front-Sets</i> .....	129
J. BARROS NETO, <i>Fundamental Solutions of Hypoelliptic Boundary Value Problems</i> .....	139
CHAIM SAMUEL HÖNIG, <i>The Green Function of a Linear Differential Equation with Lateral Condition</i> .....	147
HAÏM BREZIS, <i>Singular Perturbations of Hyperbolic Systems</i> .....	168
W. H. SUMMERS, <i>The Bounded Case of the Weighted Approximation Problem</i> .....	177
CHAITAN P. GUPTA, <i>On Nonlinear Integral Equations of Hammerstein Type with Unbounded Linear Mapping</i> .....	184
DOMINGOS PISANELLI, <i>Un'Extension des Théorèmes de Malgrange et Martineau</i> .....	239
THOMAS A. W. DWYER III, <i>Partial Differential Equations in Holomorphic Fock Spaces</i> .....	252
R. RAMALHO, <i>A Note on the Eigenvalues of Compact Operators</i> .....	260