
Workshop dedicated to the memory of Professor Gabriela Kohr
(4th edition)

Geometric Function Theory in Several Complex Variables and Complex Banach Spaces

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Pseudodifferential Operators with Symbols of Potential Type

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Abstract

Chapter 1: Pseudohomogeneous Schwartz kernels and pseudodifferential operators $\Psi h k_\kappa(\Omega)$.

Chapter 2: Invariance properties of Schwartz kernels $\Psi h k_\kappa(\Omega)$.

Chapter 3: Pseudodifferential operators of rational type.

Chapter 4: The Stokes equations.

The lecture is based on the book by G.C. Hsiao and the Speaker: Boundary Integral Equations. Second Edition 2021, Springer–Verlag, Heidelberg.