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ISBN	3-319-77473-5
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (373 pages)
Disciplina	515.7242
Soggetti	Integral equations Partial differential equations Functions of real variables Operator theory Integral transforms Operational calculus Fourier analysis Integral Equations Partial Differential Equations Real Functions Operator Theory Integral Transforms, Operational Calculus Fourier Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Pseudodifferential Operators Over the Real Field -- Wavelets Over the Real Field -- p-adic Mathematical Analysis -- Pseudodifferential Operators Over p-adic Fields -- Wavelets on p-adic Fields.
Sommario/riassunto	This monograph offers a self-contained introduction to pseudodifferential operators and wavelets over real and p-adic fields. Aimed at graduate students and researchers interested in harmonic analysis over local fields, the topics covered in this book include pseudodifferential operators of principal type and of variable order, semilinear degenerate pseudodifferential boundary value problems

(BVPs), non-classical pseudodifferential BVPs, wavelets and Hardy spaces, wavelet integral operators, and wavelet solutions to Cauchy problems over the real field and the  $p$ -adic field.

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