

1. Record Nr.	UNINA9910678241703321
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Titolo	Geometric harmonic analysis II : function spaces measuring size and smoothness on rough sets // Dorina Mitrea, Irina Mitrea, and Marius Mitrea
Pubbl/distr/stampa	Cham, Switzerland : , : Springer Nature Switzerland AG, , [2022] ©2022
ISBN	3-031-13718-3
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (938 pages)
Collana	Developments in Mathematics, , 2197-795X ; ; 73
Disciplina	780
Soggetti	Mathematics Anàlisi harmònica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1 Preliminary Functional Analytic Matters -- 2 Abstract Fredholm Theory -- 3 Functions of Vanishing Mean Oscillations and Vanishing Hölder Moduli -- 4 Hardy Spaces on Ahlfors Regular Sets -- 5 Banach Function Spaces, Extrapolation, and Orlicz Spaces -- 6 Morrey-Campanato Spaces, Morrey Spaces, and Their Pre-Duals on Ahlfors Regular Sets -- 7 Besov and Triebel-Lizorkin Spaces on Ahlfors Regular Sets -- 8 Boundary Traces from Weighted Sobolev Spaces into Besov Spaces -- 9 Besov and Triebel-Lizorkin Spaces in Open Sets -- 10 Strong and Weak Normal Boundary Traces of Vector Fields in Hardy and Morrey Spaces -- 11 Sobolev Spaces on the Geometric Measure Theoretic Boundary of Sets of Locally Finite Perimeter -- A. Terms and Notation Used in Volume II. References -- Index.
Sommario/riassunto	This monograph is part of a larger program, materializing in five volumes, whose principal aim is to develop tools in Real and Harmonic Analysis, of geometric measure theoretic flavor, capable of treating a broad spectrum of boundary value problems formulated in rather general geometric and analytic settings. Volume II is concerned with function spaces measuring size and/or smoothness, such as Hardy spaces, Besov spaces, Triebel-Lizorkin spaces, Sobolev spaces, Morrey

spaces, Morrey-Campanato spaces, spaces of functions of Bounded Mean Oscillations, etc., in general geometric settings. Work here also highlights the close interplay between differentiability properties of functions and singular integral operators. The text is intended for researchers, graduate students, and industry professionals interested in harmonic analysis, functional analysis, geometric measure theory, and function space theory.

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