

1. Record Nr.	UNINA9910450693403321
Autore	Lu Shanzhen <1939->
Titolo	Singular integrals and related topics [[electronic resource]] / Shanzhen Lu, Yong Ding, Dunyan Yan
Pubbl/distr/stampa	Singapore ; ; Hackensack, NJ, : World Scientific, c2007
ISBN	1-281-12169-X 9786611121693 981-277-056-9
Descrizione fisica	1 online resource (281 p.)
Altri autori (Persone)	DingYong YanDunyan
Disciplina	515/.2433
Soggetti	Singular integrals Harmonic analysis Operator theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 261-269) and index.
Nota di contenuto	Preface; Contents; 1 Hardy-Littlewood Maximal Operator; 2 Singular Integral Operators; 3 Fractional Integral Operators; 4 Oscillatory Singular Integrals; 5 Littlewood-Paley Operator; Bibliography; Index
Sommario/riassunto	This book introduces some important progress in the theory of Calderon-Zygmund singular integrals, oscillatory singular integrals, and Littlewood-Paley theory over the last decade. It includes some important research results by the authors and their cooperators, such as singular integrals with rough kernels on Block spaces and Hardy spaces, the criterion on boundedness of oscillatory singular integrals, and boundedness of the rough Marcinkiewicz integrals. These results have frequently been cited in many published papers.