1.	Record Nr.	UNISA996466863603316
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	Titolo	Integral geometry, radon transforms, and complex analysis / / C. A. Berenstein [and four others] ; editors, E. Casadio Tarabusi, M. A. Picardello, G. Zampieri
	Pubbl/distr/stampa	Berlin ; ; Heidelberg ; ; New York : , : Springer, , [1998] ©1998
	ISBN	3-540-69702-0
	Edizione	[1st ed. 1998.]
	Descrizione fisica	1 online resource (X, 170 p.)
	Collana	Lecture Notes in Mathematics ; ; 1684
	Disciplina	516.362
	Soggetti	Integral geometry Functions of complex variables
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Randon transforms, wavelets, and applications -- Holomorphic mappings between real analytic submanifolds in complex space -- Real integral geometry and complex analysis -- Radon transforms and wave equations -- Analytic discs and the extendibility of CR functions.
	Sommario/riassunto	This book contains the notes of five short courses delivered at the "Centro Internazionale Matematico Estivo" session "Integral Geometry, Radon Transforms and Complex Analysis" held in Venice (Italy) in June 1996: three of them deal with various aspects of integral geometry, with a common emphasis on several kinds of Radon transforms, their properties and applications, the other two share a stress on CR manifolds and related problems. All lectures are accessible to a wide audience, and provide self-contained introductions and short surveys on the subjects, as well as detailed expositions of selected results.