

1. Record Nr.	UNINA9910463726903321
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Titolo	Integral geometry and inverse problems for kinetic equations / / A. Kh. Amirov
Pubbl/distr/stampa	Utrecht ; ; Boston : , : VSP, , 2001
ISBN	3-11-094094-9
Edizione	[Reprint 2014]
Descrizione fisica	1 online resource (209 pages)
Collana	Inverse and ill-posed problems series, , 1381-4524
Disciplina	516.3/62
Soggetti	Integral geometry Inverse problems (Differential equations) Chemical kinetics - Mathematics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Frontmatter -- Abstract -- Contents -- Introduction -- Chapter 1. Solvability of problems of integral geometry -- Chapter 2. Inverse problems for kinetic equations -- Chapter 3. Evolutionary equations -- Chapter 4. Inverse problems for second order differential equations -- Appendix . -- Bibliography
Sommario/riassunto	In this monograph a method for proving the solvability of integral geometry problems and inverse problems for kinetic equations is presented. The application of this method has led to interesting problems of the Dirichlet type for third order differential equations, the solvability of which appears to depend on the geometry of the domain for which the problem is stated. Another considered subject is the problem of integral geometry on paraboloids, in particular the uniqueness of solutions to the Goursat problem for a differential inequality, which implies new theorems on the uniqueness of solutions to this problem for a class of quasilinear hyperbolic equations. A class of multidimensional inverse problems associated with problems of integral geometry and the inverse problem for the quantum kinetic equations are also included.

2. Record Nr.	UNIORUON00195197
Autore	BORDONE, Benedetto
Titolo	Libro di Benedetto Bordone / [edizione facsimile e introduzione] a cura di Giovanni Battista De Cesare. - Roma : Bulzoni, c1988. 1 v. ; 24 cm
Pubbl/distr/stampa	Ripr. facs. dell'ed. del 1528
Disciplina	910
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia