

1. Record Nr.	UNINA9910814896803321
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Titolo	Investigation methods for inverse problems // V.G. Romanov
Pubbl/distr/stampa	Utrecht ; ; Boston : , : VSP, , 2002
ISBN	3-11-094384-0
Edizione	[Reprint 2014]
Descrizione fisica	1 online resource (292 pages)
Collana	Inverse and ill-posed problems series
Classificazione	SK 560
Disciplina	530.15/535
Soggetti	Inverse problems (Differential equations) - Numerical solutions Mathematical physics
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 -- Contents -- Preface -- Chapter 1. Introduction -- Chapter 2. Ray statements of inverse problems -- Chapter 3. Local solvability of some inverse problems -- Chapter 4. Inverse problems with single measurements -- Chapter 5. Stability estimates related to inverse problems for the transport equation -- Bibliography
Sommario/riassunto	This monograph deals with some inverse problems of mathematical physics. It introduces new methods for studying inverse problems and gives obtained results, which are related to the conditional well posedness of the problems. The main focus lies on time-domain inverse problems for hyperbolic equations and the kinetic transport equation.