1.
Record Nr.	UNINA9910788955303321
Autore	Anikonov IU. E (IUrii Evgenevich)
Titolo	Inverse problems for kinetic and other evolution equations / / Yu.E. Anikonov
Pubbl/distr/stampa	Utrecht, The Netherlands ; ; Boston, Massachusetts : , : VSP, , 2001
ISBN	3-11-094090-6
Edizione	[Reprint 2014]
Descrizione fisica	1 online resource (278 pages) : illustrations
Collana	Inverse and ill-posed problems series
Disciplina	530.15/5353
Soggetti	Evolution equations
	Inverse problems (Differential equations)
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 -- Introduction -- Contents -- Chapter 1. Formulas for solutions and coefficients of kinetic and other equations -- Chapter 2. Theorems of uniqueness for inverse problems for kinetic equations -- Chapter 3. Spherical harmonic method and inverse problem for kinetic equations -- Chapter 4. Inverse problems for evolution equations of determining two coefficients -- Chapter 5. Some results of multidimensional inverse problems theory -- Bibliography
Sommario/riassunto	This monograph deals with methods of studying multidimensional inverse problems for kinetic and other evolution equations, in particular transfer equations. The methods used are applied to concrete inverse problems, especially multidimensional inverse problems applicable in linear and nonlinear statements. A significant part of the book contains formulas and relations for solving inverse problems, including formulas for the solution and coefficients of kinetic equations, differential-difference equations, nonlinear evolution equations, and second order equations.