1. Record Nr. UNINA9910820358803321

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Titolo	An introduction to identification problems via functional analysis / / A. Lorenzi
Pubbl/distr/stampa	Utrecht ; ; Boston : , : VSP, , 2001
ISBN	3-11-094092-2
Edizione	[Reprint 2014]
Descrizione fisica	1 online resource (254 pages) : illustrations
Collana	Inverse and ill-posed problems series, , 1381-4524
Classificazione	SK 920
Disciplina	515/.7
Soggetti	Inverse problems (Differential equations) Functional analysis
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 -- Preface -- Contents -- Introduction -- Chapter 1. Parameter Identification In Linear Ordinary Differential Equations -- Chapter 2. Identification Problems In Hilbert Spaces -- Chapter 3. Proper Riemann Integrals For Banach-Valued Functions. Curvilinear Integrals And Banach-Valued Holomorphic Functions -- Chapter 4. Riemann-Stieltj Es Integrals Of Banach-Valued Functions -- Chapter 5. Improper Riemann Integrals For Banach Space-Valued Functions -- Chapter 6. Banach Algebras And Spectral Analysis For Linear Bounded Operators -- Chapter 7. Identifying Parameters In First-Order Partial Differential Equations -- Chapter 8. Identification Problems Relative To Linear Bounded Operators I -- Chapter 9. Identification Problems Relative To Linear Bounded Operators Ii -- Chapter 10. Analysis Of The Continuous Dependence On The Data -- Chapter 11. Linear Closed Operators And Analytic Semigroups Of Linear Bounded Operators -- Chapter 12. Cauchy Problems For Linear Abstract Differential Equations Relative To Sectorial Operators And Applications -- Chapter 13. Identification Problems For Linear Abstract Differential Equations Relative To Sectorial Operators And Applications -- Bibliography -- List of Symbols
Sommario/riassunto	this monograph is based on two courses in computational mathematics and operative research, which were given by the author in recent years to doctorate and PhD students. The text focuses on an aspect of the theory of inverse problems, which is usually referred to as identification

of parameters (numbers, vectors, matrices, functions) appearing in differential - or integrodifferential - equations. The parameters of such equations are either quite unknown or partially unknown, however knowledge about these is usually essential as they describe the intrinsic properties of the material or substance under consideration.