1. 
| | |
|---|---|
| Record Nr. | UNINA9910464133603321 |
| Autore | Pyatkov S. G |
| Titolo | Operator theory : nonclassical problems / / S.G. Pyatkov |
| Pubbl/distr/stampa | Utrecht ; ; Boston : , : VSP, , 2002 |
| ISBN | 3-11-090016-5 |
| Edizione | [Reprint 2013] |
| Descrizione fisica | 1 online resource (361 pages) |
| Collana | Inverse and Ill-Posed Problems Series ; ; 33<br>Inverse and ill-posed problems series. , 1381-4524 |
| Disciplina | 515/.724 |
| Soggetti | Banach spaces<br>Interpolation spaces<br>Nonclassical mathematical logic<br>Operator theory<br>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 (pages [323]-346) and index. |
| Nota di contenuto | Frontmatter -- Preface -- Introduction -- List of Designations -- Contents -- Chapter 1. Indefinite inner product spaces. Linear operators. Interpolation -- Chapter 2. Spectral theory for linear selfadjoint pencils -- Chapter 3. Elliptic eigenvalue problems with an indefinite weight function -- Chapter 4. Operator-differential equations -- Bibliography -- Index |
| Sommario/riassunto | This monograph describes mathematical methods applicable to studying nonclassical problems of mathematical physics. The emphasis of the book is on applications of the interpolar theory of Banach spaces to the theory of linear operators to be expotentially dichotomous, to some continuity properties of linear operators in Hilbert scales, to the Riesz basis property of eigenelements and associated elements of linear pencils and the correspondending elliptic problems with indefinite weight functions, and to studying nonclassical boundary value problems for first order operator-differential equations. |