

1. Record Nr.	UNINA9910462099303321
Autore	Schuster Thomas <1971->
Titolo	Regularization methods in Banach spaces [[electronic resource] /] / by Thomas Schuster ... [et al.]
Pubbl/distr/stampa	Berlin ; ; Boston, : De Gruyter, c2012
ISBN	3-11-025572-3 1-283-62792-2 9786613940377
Descrizione fisica	1 online resource (296 p.)
Collana	Radon series on computational and applied mathematics, , 1865-3707 ; ; 10 Radon Series on Computational and Applied Mathematics ; ; 10
Disciplina	515/.732
Soggetti	Banach spaces Parameter estimation Differential equations, Partial Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Preface -- Contents -- Part I. Why to use Banach spaces in regularization theory? -- Part II. Geometry and mathematical tools of Banach spaces -- Part III. Tikhonov-type regularization -- Part IV. Iterative regularization -- Part V. The method of approximate inverse -- Bibliography -- Index
Sommario/riassunto	Regularization methods aimed at finding stable approximate solutions are a necessary tool to tackle inverse and ill-posed problems. Inverse problems arise in a large variety of applications ranging from medical imaging and non-destructive testing via finance to systems biology. Many of these problems belong to the class of parameter identification problems in partial differential equations (PDEs) and thus are computationally demanding and mathematically challenging. Hence there is a substantial need for stable and efficient solvers for this kind of problems as well as for a rigorous convergence analysis of these methods. This monograph consists of five parts. Part I motivates the importance of developing and analyzing regularization methods in

Banach spaces by presenting four applications which intrinsically demand for a Banach space setting and giving a brief glimpse of sparsity constraints. Part II summarizes all mathematical tools that are necessary to carry out an analysis in Banach spaces. Part III represents the current state-of-the-art concerning Tikhonov regularization in Banach spaces. Part IV about iterative regularization methods is concerned with linear operator equations and the iterative solution of nonlinear operator equations by gradient type methods and the iteratively regularized Gauß-Newton method. Part V finally outlines the method of approximate inverse which is based on the efficient evaluation of the measured data with reconstruction kernels.

2. Record Nr.	UNISALENT0991003656859707536
Autore	Péguy, Charles
Titolo	La nostra gioventù; Il denaro / Charles P. Péguy ; a cura di Dora Bienaimé Rigo
Pubbl/distr/stampa	Torino : UTET, stampa 1972
Descrizione fisica	513 p. : 1 ritr. ; 18 cm.
Collana	I grandi scrittori stranieri ; 233
Altri autori (Persone)	Rigo Bienaimè, Dora
Disciplina	944
Soggetti	Affare Dreyfus <1894-1906> Educazione - Francia
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
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