

1. Record Nr.	UNISA990003207220203316
Autore	FAES DE MOTTONI, Barbara
Titolo	Figure e motivi della contemplazione nelle teologie medievali / Barbara Faes de Mottoni
Pubbl/distr/stampa	Firenze : SISMEL Edizioni del Galluzzo, 2007
ISBN	978-88-8450-215-5
Descrizione fisica	181 p. ; 24 cm
Collana	Micrologus library ; 18
Disciplina	248.34
Soggetti	Contemplazione - Medioevo
Collocazione	II.2. 4951
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Formato	Materiale a stampa
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2. Record Nr.	UNINA9910461345703321
Autore	Kosmol Peter
Titolo	Optimization in function spaces [[electronic resource]] : with stability considerations in Orlicz spaces / / Peter Kosmol, Dieter Muller-Wichards
Pubbl/distr/stampa	Berlin ; ; New York, : De Gruyter, 2011
ISBN	1-283-16634-8 9786613166340 3-11-025021-7
Descrizione fisica	1 online resource (404 p.)
Collana	De Gruyter series in nonlinear analysis and applications, , 0941-813X ; ; 13
Classificazione	SK 600
Altri autori (Persone)	Muller-WichardsD <1946-> (Dieter)
Disciplina	515/.392
Soggetti	Stability - Mathematical models Mathematical optimization Orlicz spaces 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	Frontmatter -- Preface -- Contents -- 1 Approximation in Orlicz Spaces -- 2 Polya Algorithms in Orlicz Spaces -- 3 Convex Sets and Convex Functions -- 4 Numerical Treatment of Non-linear Equations and Optimization Problems -- 5 Stability and Two-stage Optimization Problems -- 6 Orlicz Spaces -- 7 Orlicz Norm and Duality -- 8 Differentiability and Convexity in Orlicz Spaces -- 9 Variational Calculus -- Bibliography -- List of Symbols -- Index
Sommario/riassunto	This is an essentially self-contained book on the theory of convex functions and convex optimization in Banach spaces, with a special interest in Orlicz spaces. Approximate algorithms based on the stability principles and the solution of the corresponding nonlinear equations are developed in this text. A synopsis of the geometry of Banach spaces, aspects of stability and the duality of different levels of differentiability and convexity is developed. A particular emphasis is placed on the geometrical aspects of strong solvability of a convex optimization problem: it turns out that this property is equivalent to

local uniform convexity of the corresponding convex function. This treatise also provides a novel approach to the fundamental theorems of Variational Calculus based on the principle of pointwise minimization of the Lagrangian on the one hand and convexification by quadratic supplements using the classical Legendre-Ricatti equation on the other. The reader should be familiar with the concepts of mathematical analysis and linear algebra. Some awareness of the principles of measure theory will turn out to be helpful. The book is suitable for students of the second half of undergraduate studies, and it provides a rich set of material for a master course on linear and nonlinear functional analysis. Additionally it offers novel aspects at the advanced level. From the contents: Approximation and Polya Algorithms in Orlicz Spaces Convex Sets and Convex Functions Numerical Treatment of Non-linear Equations and Optimization Problems Stability and Two-stage Optimization Problems Orlicz Spaces, Orlicz Norm and Duality Differentiability and Convexity in Orlicz Spaces Variational Calculus
