1. Record Nr. UNIBAS000020945

Autore	Bernardi, Sandro
Titolo	Il paesaggio nel cinema italiano / Sandro Bernardi
Pubbl/distr/stampa	Venezia : Marsilio, [2004]
ISBN	88-317-7963-x
Descrizione fisica	212 p., [6] c.di tav. : ill. ; 22 cm
Collana	Biblioteca Marsilio
Disciplina	791.43
Soggetti	Cinematografo
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNISA996418258603316

Autore	Ezquerro Fernandez José Antonio
Titolo	Mild Differentiability Conditions for Newton's Method in Banach Spaces [[electronic resource] /] / by José Antonio Ezquerro Fernandez, Miguel Ángel Hernández Verón
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2020
ISBN	3-030-48702-4
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIII, 178 p. 51 illus., 45 illus. in color.)
Collana	Frontiers in Mathematics, , 1660-8046
Disciplina	515.732
Soggetti	Operator theory Numerical analysis Integral equations Differential equations Partial differential equations Operator Theory Numerical Analysis Integral Equations Ordinary Differential Equations Partial Differential Equations

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- The Newton-Kantorovich theorem -- Operators with Lipschitz continuous first derivative -- Operators with Hölder continuous first derivative -- Operators with Hölder-type continuous first derivative -- Operators with w-Lipschitz continuous first derivative -- Improving the domain of starting points based on center conditions for the first derivative -- Operators with center w-Lipschitz continuous first derivative -- Using center w-Lipschitz conditions for the first derivative at auxiliary points.
Sommario/riassunto	In this book the authors use a technique based on recurrence relations to study the convergence of the Newton method under mild differentiability conditions on the first derivative of the operator involved. The authors' technique relies on the construction of a scalar sequence, not majorizing, that satisfies a system of recurrence relations, and guarantees the convergence of the method. The application is user-friendly and has certain advantages over Kantorovich's majorant principle. First, it allows generalizations to be made of the results obtained under conditions of Newton-Kantorovich type and, second, it improves the results obtained through majorizing sequences. In addition, the authors extend the application of Newton's method in Banach spaces from the modification of the domain of starting points. As a result, the scope of Kantorovich's theory for Newton's method is substantially broadened. Moreover, this technique can be applied to any iterative method. This book is chiefly intended for researchers and (postgraduate) students working on nonlinear equations, as well as scientists in general with an interest in numerical analysis.