

1. Record Nr.	UNINA9910778496003321
Autore	Vasin Vladimir V
Titolo	Operators and iterative processes of fejer type [[electronic resource]] : theory and applications // Vladimir V. Vasin, Ivan I. Eremin
Pubbl/distr/stampa	Berlin ; ; New York, : W. de Gruyter, c2009
ISBN	1-282-18795-3 9786612187957 3-11-021819-4
Descrizione fisica	1 online resource (169 p.)
Collana	Inverse and ill-posed problems series
Altri autori (Persone)	Eremin I. I (Ivan Ivanovich)
Disciplina	515.7
Soggetti	Iterative methods (Mathematics) Numerical analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliography and index.
Nota di contenuto	Frontmatter -- Contents -- Introduction -- Chapter I. General properties of nonlinear operators of Fejér type -- Chapter II. Applications of iterative processes to nonlinear equations -- Chapter III. Application of Fejér methods to solve linear and convex inequalities -- Chapter IV. Some topics of Fejér mappings and processes -- Backmatter
Sommario/riassunto	This book, written by two experts in the field, deals with classes of iterative methods for the approximate solution of fixed points equations for operators satisfying a special contractivity condition, the Fejer property. The book is elementary, self-contained and uses methods from functional analysis, with a special focus on the construction of iterative schemes. Applications to parallelization, randomization and linear programming are also considered.