

1. Record Nr.	UNINA9910457280003321
Autore	Fujishige Satoru
Titolo	Submodular functions and optimization [[electronic resource] /] / Satoru Fujishige
Pubbl/distr/stampa	Boston, : Elsevier, 2005
ISBN	1-280-62896-0 9786610628964 0-08-046162-X
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (411 p.)
Collana	Annals of discrete mathematics ; ; 58
Disciplina	511.6 519.6
Soggetti	Submodular functions Combinatorial optimization 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 cover; copyright; front matter; Preface; Preface to the Second Edition; table of contents; body; PART I; Introduction; Submodular Systems and Base Polyhedra; Neoflows; Submodular Analysis; Nonlinear Optimization with Submodular Constraints; PART II; Submodular Function Minimization; Discrete Convex Analysis; back matter; References; index
Sommario/riassunto	It has widely been recognized that submodular functions play essential roles in efficiently solvable combinatorial optimization problems. Since the publication of the 1st edition of this book fifteen years ago, submodular functions have been showing further increasing importance in optimization, combinatorics, discrete mathematics, algorithmic computer science, and algorithmic economics, and there have been made remarkable developments of theory and algorithms in submodular functions. The 2nd edition of the book supplements the 1st edition with a lot of remarks and with new two chapters: ""Sub