

1. Record Nr.	UNINA9910460461603321
Autore	Gockenbach Mark S.
Titolo	Finite-dimensional linear algebra // by Mark S. Gockenbach
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, an imprint of Taylor and Francis, , 2010
ISBN	0-429-06686-4 1-4398-8287-8
Edizione	[First edition.]
Descrizione fisica	1 online resource (673 p.)
Collana	Discrete Mathematics and Its Applications
Disciplina	512/.5
Soggetti	Algebras, Linear Dimensional analysis Finite fields (Algebra) Vector 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.
Nota di contenuto	Cover; Title; Copyright; Contents; Preface; About the Author; Chapter 1: Some problems posed on vector spaces; Chapter 2: Fields and vector spaces; Chapter 3: Linear operators; Chapter 4: Determinants and eigenvalues; Chapter 5: The Jordan canonical form; Chapter 6: Orthogonality and best approximation; Chapter 7: The spectral theory of symmetric matrices; Chapter 8: The singular value decomposition; Chapter 9: Matrix factorizations and numerical linear algebra; Chapter 10: Analysis in vector spaces; A The Euclidean algorithm; B Permutations; C Polynomials; D Summary of analysis in R BibliographyIndex
Sommario/riassunto	Linear algebra forms the basis for much of modern mathematics— theoretical, applied, and computational. Finite-Dimensional Linear Algebra provides a solid foundation for the study of advanced mathematics and discusses applications of linear algebra to such diverse areas as combinatorics, differential equations, optimization, and approximation.