

1. Record Nr.	UNINA9910438160103321
Autore	Shafarevich Igor R
Titolo	Linear Algebra and Geometry / / by Igor R. Shafarevich, Alexey O. Remizov
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-30994-1
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (535 p.)
Disciplina	512.5
Soggetti	Matrix theory Algebra Geometry Associative rings Rings (Algebra) Linear and Multilinear Algebras, Matrix Theory Associative Rings and Algebras
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	The original Russian edition was published as "Linejnaya algebra i geometriya" by Fizmatlit, Moscow, 2009.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- Preliminaries -- 1. Linear Equations -- 2. Matrices and Determinants -- 3. Vector Spaces -- 4. Linear Transformations of a Vector Space to Itself -- 5. Jordan Normal Form -- 6. Quadratic and Bilinear Forms -- 7. Euclidean Spaces -- 8. Affine Spaces -- 9. Projective Spaces -- 10. The Exterior Product and Exterior Algebras -- 11. Quadrics -- 12. Hyperbolic Geometry -- 13. Groups, Rings, and Modules -- 14. Elements of Representation Theory -- Historical Note -- References -- Index.
Sommario/riassunto	This book on linear algebra and geometry is based on a course given by renowned academician I.R. Shafarevich at Moscow State University. The book begins with the theory of linear algebraic equations and the basic elements of matrix theory and continues with vector spaces, linear transformations, inner product spaces, and the theory of affine and projective spaces. The book also includes some subjects that are naturally related to linear algebra but are usually not covered in such

courses: exterior algebras, non-Euclidean geometry, topological properties of projective spaces, theory of quadrics (in affine and projective spaces), decomposition of finite abelian groups, and finitely generated periodic modules (similar to Jordan normal forms of linear operators). Mathematical reasoning, theorems, and concepts are illustrated with numerous examples from various fields of mathematics, including differential equations and differential geometry, as well as from mechanics and physics.

2. Record Nr.

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Autore

MAUPASSANT, Guy de

Titolo

Une vie / Guy de Maupassant

Pubbl/distr/stampa

Paris, : L. Conard, 1924. 388 p. ; 22 cm Le texte de ce volume est conforme à celui de l'èdition originale : Une vie. Paris, : V. Havard, 1883

Disciplina

843

Lingua di pubblicazione

Francese

Formato

Materiale a stampa

Livello bibliografico

Monografia
