1. Record Nr. UNINA9910966221003321

Autore	Ludwig Jack <1922-2018.>
Titolo	Recent American novelists
Pubbl/distr/stampa	Minneapolis, : University of Minnesota Press, 1962
ISBN	0-8166-5213-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (48 pages)
Collana	University of Minnesota pamphlets on American writers ; ; no. 22
Disciplina	813 813.5409
Soggetti	American fiction - 20th century - History and criticism Novelists, American
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliography.
Nota di bibliografia	Includes bibliography.
Nota di contenuto	Recent American Novelists; Selected Bibliography
Sommario/riassunto	Recent American Novelists - American Writers 22 was first published in 1962. Minnesota Archive Editions uses digital technology to make long-unavailable books once again accessible, and are published unaltered from the original University of Minnesota Press editions.

2. Record Nr. UNINA9910300533203321

Autore	Landi Giovanni
Titolo	Linear Algebra and Analytic Geometry for Physical Sciences / / by Giovanni Landi, Alessandro Zampini
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-78361-0
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XII, 345 p.)
Collana	Undergraduate Lecture Notes in Physics, , 2192-4791
Disciplina	512.9
Soggetti	Physics Matrix theory Algebra Applied mathematics Engineering mathematics Geometry Computer science—Mathematics Mathematical physics Mathematical Methods in Physics Linear and Multilinear Algebras, Matrix Theory Mathematical and Computational Engineering Math Applications in Computer Science Mathematical Applications in the Physical Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Vectors and coordinate systems -- Vector spaces -- Euclidean vector spaces -- Matrices -- The determinant -- Systems of linear equations -- Linear transformations -- Dual spaces -- Endomorphisms and diagonalization -- Spectral theorems on euclidean spaces -- Rotations -- Spectral theorems on hermitian spaces -- Quadratic forms -- Affine linear geometry -- Euclidean affine linear geometry -- Conic sections -- A Algebraic Structures -- A.1 A few notions of Set Theory -- A.2 Groups -- A.3 Rings and Fields -- A.4 Maps between algebraic structures -- A5 Complex numbers -- A.6

Integers modulo a prime number.

Sommario/riassunto

A self-contained introduction to finite dimensional vector spaces, matrices, systems of linear equations, spectral analysis on euclidean and hermitian spaces, affine euclidean geometry, quadratic forms and conic sections. The mathematical formalism is motivated and introduced by problems from physics, notably mechanics (including celestial) and electro-magnetism, with more than two hundreds examples and solved exercises. Topics include: The group of orthogonal transformations on euclidean spaces, in particular rotations, with Euler angles and angular velocity. The rigid body with its inertia matrix. The unitary group. Lie algebras and exponential map. The Dirac’s bra-ket formalism. Spectral theory for self-adjoint endomorphisms on euclidean and hermitian spaces. The Minkowski spacetime from special relativity and the Maxwell equations. Conic sections with the use of eccentricity and Keplerian motions. An appendix collects basic algebraic notions like group, ring and field; and complex numbers and integers modulo a prime number. The book will be useful to students taking a physics or engineer degree for a basic education as well as for students who wish to be competent in the subject and who may want to pursue a post-graduate qualification.