

1. Record Nr.	UNINA9910464235103321
Autore	Pankov Mark
Titolo	Grassmannians of classical building [[electronic resource] /] / Mark Pankov
Pubbl/distr/stampa	Singapore ; ; Hackensack, N.J., : World Scientific Pub. Co., 2010
ISBN	1-283-14486-7 9786613144867 981-4317-57-8
Descrizione fisica	1 online resource (230 p.)
Collana	Algebra and discrete mathematics, , 1793-5873 ; ; v.2
Disciplina	514.34
Soggetti	Grassmann manifolds Buildings (Group theory) 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	Preface; Contents; 0. Introduction; 1. Linear Algebra and Projective Geometry; 2. Buildings and Grassmannians; 3. Classical Grassmannians; 4. Polar and Half-Spin Grassmannians; Bibliography; Index
Sommario/riassunto	Buildings are combinatorial constructions successfully exploited to study groups of various types. The vertex set of a building can be naturally decomposed into subsets called Grassmannians. The book contains both classical and more recent results on Grassmannians of buildings of classical types. It gives a modern interpretation of some classical results from the geometry of linear groups. The presented methods are applied to some geometric constructions non-related to buildings - Grassmannians of infinite-dimensional vector spaces and the sets of conjugate linear involutions. The book is self