1.	Record Nr.	UNINA9910451985703321
	Autore	Casse Rey
	Titolo	Projective geometry [[electronic resource]] : an introduction / / Rey Casse
	Pubbl/distr/stampa	Oxford, : Oxford University Press, 2006
	ISBN	1-281-15529-2
		9786611155292
		0-19-153836-1
		1-4356-0934-4
	Descrizione fisica	1 online resource (211 p.)
	Disciplina	516.5
	Soggetti	Geometry, Projective
		Mathematics
		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	Contents; 1. Assumed knowledge; 2. Introduction; 3. Introduction to axiomatic geometry; 4. Field planes and PG(r,F); 5. Coordinatising a projective plane; 6. Non-Desarguesian planes; 7. Conics; 8. Quadrics in PG(3, F); Further Reading; Index
	Sommario/riassunto	This lucid and accessible text provides an introductory guide to projective geometry, an area of mathematics concerned with the properties and invariants of geometric figures under projection. Including numerous worked examples and exercises throughout, the book covers axiomatic geometry, field planes and PG(r, F), coordinating a projective plane, non-Desarguesian planes, conics and quadrics in PG (3, F). Assuming familiarity with linear algebra, elementary group theory, partial differentiation and finite fields, as well as some elementary coordinate geometry, this text is ideal for 3rd and 4th