

1. Record Nr.	UNINA9910812947403321
Autore	Dolgachev I (Igor V.)
Titolo	Classical algebraic geometry : a modern view // Igor V. Dolgachev
Pubbl/distr/stampa	Cambridge ; ; New York, : Cambridge University Press, 2012
ISBN	1-316-08965-7 1-107-23958-3 1-283-61058-2 9786613923035 1-139-55087-X 1-139-55583-9 1-139-54962-6 1-139-55458-1 1-139-55212-0 1-139-08443-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xii, 639 pages) : digital, PDF file(s)
Classificazione	MAT038000
Disciplina	516.3/5
Soggetti	Geometry, Algebraic Moduli theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di contenuto	Machine generated contents note: Preface; 1. Polarity; 2. Conics and quadrics; 3. Plane cubics; 4. Determinantal equations; 5. Theta characteristics; 6. Plane quartics; 7. Cremona transformations; 8. Del Pezzo surfaces; 9. Cubic surfaces; 10. Geometry of lines; Bibliography; Index.
Sommario/riassunto	Algebraic geometry has benefited enormously from the powerful general machinery developed in the latter half of the twentieth century. The cost has been that much of the research of previous generations is in a language unintelligible to modern workers, in particular, the rich legacy of classical algebraic geometry, such as plane algebraic curves of low degree, special algebraic surfaces, theta functions, Cremona transformations, the theory of apolarity and the geometry of lines in projective spaces. The author's contemporary approach makes this

legacy accessible to modern algebraic geometers and to others who are interested in applying classical results. The vast bibliography of over 600 references is complemented by an array of exercises that extend or exemplify results given in the book.
