

1. Record Nr.	UNINA9910963162703321
Autore	Ash Avner <1949->
Titolo	Elliptic tales : curves, counting, and number theory / / Avner Ash, Robert Gross
Pubbl/distr/stampa	Princeton, : Princeton University Press, 2012
ISBN	9786613439758 9781283439756 1283439751 9781400841714 1400841712
Edizione	[Course Book]
Descrizione fisica	1 online resource (276 p.)
Classificazione	SK 180
Altri autori (Persone)	GrossRobert <1959->
Disciplina	515/.983
Soggetti	Elliptic functions Curves, Elliptic Number theory
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	pt. 1. Degree -- pt. 2. Elliptic curves and algebra -- pt. 3. Elliptic curves and analysis.
Sommario/riassunto	Elliptic Tales describes the latest developments in number theory by looking at one of the most exciting unsolved problems in contemporary mathematics-the Birch and Swinnerton-Dyer Conjecture. In this book, Avner Ash and Robert Gross guide readers through the mathematics they need to understand this captivating problem.The key to the conjecture lies in elliptic curves, which may appear simple, but arise from some very deep-and often very mystifying-mathematical ideas. Using only basic algebra and calculus while presenting numerous eye-opening examples, Ash and Gross make these ideas accessible to general readers, and, in the process, venture to the very frontiers of modern mathematics.