

1. Record Nr.	UNINA9910811769703321
Autore	Brawley Joel V.
Titolo	Infinite algebraic extensions of finite fields // Joel V. Brawley and George E. Schnibben
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1989] ©1989
ISBN	0-8218-7683-X
Descrizione fisica	1 online resource (126 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; volume 95
Disciplina	512/.75
Soggetti	Algebraic fields Field extensions (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Bibliography: pages 101-104.
Nota di contenuto	""Contents""; ""Preface""; ""Chapter 1: A survey of some finite field theory""; ""1.1. Introduction""; ""1.2. Finite Fields""; ""1.3. Finite Extensions and Irreducible Polynomials""; ""1.4. Polynomial Representation of Functions on a Finite Field""; ""Chapter 2: Algebraic extensions of finite fields""; ""2.1. Introduction""; ""2.2. The Algebraic Closure of a Finite Field""; ""2.3. Subfields of the Algebraic Closure""; ""2.4. Automorphisms of Subfields of the Algebraic Closure""; ""Chapter 3: Iterated presentations and explicit bases""; ""3.1. Introduction""; ""4.7. Representation of Linear Transformations on GF(qN)""""Chapter 5: Two applications""; ""5.1. Introduction""; ""5.2. Orthogonal Latin Squares""; ""5.3. Permutation Polynomials on the Matrices over GF (qN)""; ""Bibliography""