

1. Record Nr.	UNINA9910462493703321
Titolo	Arithmetic, geometry, and coding theory [[electronic resource]] : proceedings of the international conference held at Centre International de Rencontres Mathematiques (CIRM), Luminy, France, June 28-July 2, 1993 / / editors, R. Pellikaan, M. Perret, S.G. Vladut
Pubbl/distr/stampa	Berlin ; ; New York, : Walter de Gruyter, 1996
ISBN	3-11-081105-7
Edizione	[Reprint 2011]
Descrizione fisica	1 online resource (300 p.)
Collana	De Gruyter Proceedings in Mathematics
Altri autori (Persone)	PellikaanR <1953-> (Ruud) PerretM <1963-> (Marc) VladutS. G <1954-> (Serge G.)
Disciplina	003/.54
Soggetti	Coding theory Number theory Geometry, Algebraic 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.
Nota di contenuto	Front matter -- Foreword -- List of Lectures -- Table of Contents -- A Weil theorem for singular curves / Aubry, Yves / Perret, Marc -- An algorithm for characterizing linear bidimensional product codes / Barbero, Angela I. -- MDS codes from hyperelliptic curves / de Boer, Mario A. -- On hypersurfaces defined by a separated variables polynomial over a finite field / Cherdieu, Jean Pierre / Rolland, Robert -- Class numbers for some hyperelliptic curves / Duursma, Iwan -- Generalized Hamming weights for duals of BCH codes, and maximal algebraic function fields / Duursma, Iwan / Stichtenoth, Henning / Voss, Conny -- On the Clifford defect for special curves / Kirfel, Christoph -- Number of points of plane sections and linear codes defined on algebraic varieties / Lachaud, Gilles -- Quadratic algebraic function fields with ideal class number two / Le Brigand, Dominique -- A survey of Ramanujan graphs / Li, Wen-Ch'ing Winnie -- Codes associated to Grassmannians / Nogin, D. Yu. -- The shift bound for cyclic, Reed-Muller and geometric Goppa codes / Pellikaan, Ruud -- On

special divisors and the two variable zeta function of algebraic curves over finite fields / Pellikaan, Ruud -- Minoration de certaines sommes exponentielles (II) / Rodier, François -- Dénombrément des configurations dans le plan projectif / Rolland, Robert / Skorobogatov, Alexei . -- Nombre de points des surfaces sur un corps fini / Tsfasman, Michael A. -- Algebraic curves and sphere packings / Tsfasman, Michael A. -- Two remarks on the spectra of algebraic geometry codes / Vldu, S. G. -- An upper bound for generalized Hamming weights / Vldu, S. G. -- Generalized Hamming weights; Fundamental open problems in coding theory / Wei, Victor K. -- List of Contributors -- List of Participants
