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Soggetti	Abelian varieties Dimension theory (Algebra)
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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	Preface -- Construction of a complete addition law on Jacobians of hyperelliptic curves of genus two -- 1. Introduction -- 2. Construction -- Appendix A. Operation count -- References -- Number of points in an Artin-Schreier covering -- Introduction -- 1. Number of points in Artin-Schreier coverings: Weil bound -- 2. Study of an etale sheaf attached to a family of exponential sums -- 3. Cohomology spaces, and the proof of the theorem -- 4. Global monodromy, and a refinement of the theorem -- References -- Some more functions that are not APN infinitely often. The case of Gold and Kasami exponents -- 1. Introduction -- 2. Preliminaries -- 3. Some functions that are not APN infinitely often -- 4. Polynomials of Kasami degree -- 5. Binomials that are not APN infinitely often -- References -- Rational curves with many rational points over a finite field -- 1. Introduction -- 2. Arithmetic of the curve -- 3. Geometry of $\mathbb{P}^2$ -lines, for odd -- 4. Geometry of $\mathbb{P}^2$ -lines, for even -- 5. Codes from Ballico-Hefez curves -- 6. Generalization of the curve -- References -- Enumeration of Splitting Subspaces over Finite Fields -- 1. Introduction -- 2. Easy cases and guesses -- 3. Splitting planes -- 4. Refinements and Extensions -- Appendix A. Vector Recurrences and

Singer Cycles -- References -- The characteristic polynomials of abelian varieties of dimension 4 over finite fields -- 1. Introduction and results -- 2. The coefficients of Weil polynomials of degree 8 -- 3. Newton polygons -- 4. Supersingular case -- Acknowledgements -- References -- Degree growth, linear independence and periods of a class of rational dynamical systems.

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