

# Many rational points - coding theory and algebraic geometry

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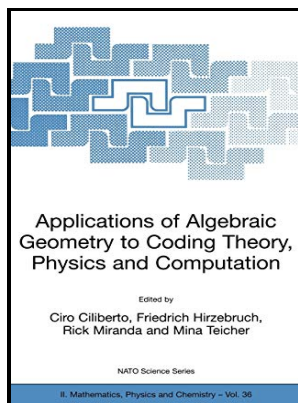
International review of cytology -- v. 250

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Notes: Includes bibliographical references (p. [317]-344) and index

This edition was published in 2003



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**Coding Theory and Algebraic Curves Over Finite Fields**

Randomness in Lattice Point Counting, Springer, 2014. We cannot guarantee that Applications Of Algebraic Geometry To Coding Theory Physics And Computation book is in the library.

## Math 206A

The fifth roots of unity form a. Cassels: Lectures on Elliptic Curves, Cambridge University Press, 1995.

## Mathematics and Its Applications: Many Rational Points: Coding Theory and Algebraic Geometry (Paperback)

Rosen: A Classical Introduction to Modern Number Theory, Springer-Verlag, 1998. Edwards: Divisor Theory, Birkhäuser, 1990. Mollin: Quadratics, CRC Press, 1996.

## Coding Theory and Algebraic Curves Over Finite Fields

Evertse: Upper Bound for the Numbers of Solutions of Diophantine Equations, Centrum voor Wiskunde en Informatica, 1983. Hellegouarch: Invitation to the Mathematics of Fermat-Wiles, Academic Press, 2002. Barbeau: Pell's Equation, Springer-Verlag, 2003.

## Algebraic Geometry in Coding Theory and Cryptography on JSTOR

The authors start at a basic level with coding theory, defining what a code is and discussing in detail how the curves and divisors and Riemann-Roch spaces of the earlier sections can be used in order to construct codes that have particularly good parameters. The volume provides a source book of examples with relationships to advanced topics regarding Sato-Tate conjectures, Eichler-Selberg trace formula, Katz-Sarnak conjectures and Hecke operators.

**Many Rational Points: Coding Theory and Algebraic Geometry / AvaxHome**

Classical Theory, Cambridge University Press, 2007. Beiler: Recreations in the Theory of Numbers, Dover, 1966.

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