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Altri autori (Persone)	ShaskaTony
Disciplina	516.3/53
Soggetti	Abelian varieties Number theory Geometry, Algebraic Algebraic geometry -- Abelian varieties and schemes -- Algebraic theory Algebraic geometry -- Foundations -- Varieties and morphisms Algebraic geometry -- Curves -- Algebraic functions; function fields [See also 11R58] Algebraic geometry -- Curves -- Jacobians, Prym varieties [See also 32G20] Algebraic geometry -- Abelian varieties and schemes -- Arithmetic ground fields [See also 11Dxx, 11Fxx, 11G10, 14Gxx] Algebraic geometry -- Curves -- Elliptic curves [See also 11G05, 11G07, 14Kxx] Number theory -- Arithmetic algebraic geometry (Diophantine geometry) [See also 11Dxx, 14Gxx, 14Kxx] -- Elliptic curves over global fields [See also 14H52] Number theory -- Arithmetic algebraic geometry (Diophantine geometry) [See also 11Dxx, 14Gxx, 14Kxx] -- Drinfel'd modules; higher-dimensional motives, etc. [See also 14L05]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover -- Title page -- Contents -- Preface -- Bibliography -- Abelian varieties and finitely generated Galois groups -- 1. Introduction -- 2. Probabilistic methods -- 3. Diophantine geometry -- 4. Combinatorics

-- 5. Arithmetic -- 6. Analytic number theory -- Acknowledgment --
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Automorphism group of the Heisenberg curve -- 6. Modular
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7. Proof of Theorem 3.2 -- 8. Superelliptic Jacobians --
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Sommario/riassunto

This book is a collection of articles on Abelian varieties and number theory dedicated to Gerhard Frey's 75th birthday. It contains original articles by experts in the area of arithmetic and algebraic geometry. The articles cover topics on Abelian varieties and finitely generated Galois groups, ranks of Abelian varieties and Mordell-Lang conjecture, Tate-

Shafarevich group and isogeny volcanoes, endomorphisms of superelliptic Jacobians, obstructions to local-global principles over semi-global fields, Drinfeld modular varieties, representations of étale fundamental groups and specialization of algebraic cycles, Deuring's theory of constant reductions, etc. The book will be a valuable resource to graduate students and experts working on Abelian varieties and related areas.
