

1. Record Nr.	UNINA9910797481803321
Titolo	Advances on superelliptic curves and their applications / / edited by Lubjana Beshaj, Tony Shaska and Eustrat Zhupa
Pubbl/distr/stampa	Amsterdam, Netherlands : , : IOS Press, , 2015 ©2015
ISBN	1-61499-520-6
Descrizione fisica	1 online resource (387 p.)
Collana	NATO Science for Peace and Security Series - D: Information and Communication Security, , 1879-8292 ; ; Volume 41
Disciplina	516.352
Soggetti	Curves, Elliptic Cryptography
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 at the end of each chapters and index.
Nota di contenuto	""Advances on Superelliptic Curves and Their Applications""; ""Preface""; ""Contents""; ""The case for superelliptic curves""; ""Weierstrass points of superelliptic curves""; ""Theta functions of superelliptic curves""; ""Cyclic curves over the reals""; ""Reduction theory of binary forms""; ""Sato-Tate groups of genus 2 curves""; ""Heights on algebraic curves""; ""Descent and Covering Collections""; ""Chabauty and the Mordell-Weil Sieve""; ""Rational points on Jacobians of hyperelliptic curves""; ""Explicit p-adic methods for elliptic and hyperelliptic curves"" ""Error Correcting Quantum Codes and Algebraic Curves"" ""Graph based cubical multivariate maps and their cryptographical applications""; ""Weight distributions, zeta functions and Riemann hypothesis for linear and algebraic geometry codes""; ""Galois geometries, codes, and new invariants for incidence structures""; ""Subject Index""; ""Author Index""