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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface -- Large hyperbolic polygons and hyperelliptic Riemann surfaces -- 1. Hyperbolic Polygons -- 2. Closing large polygons -- 3. Groups from Polygons -- 4. Reduction Algorithms on Polygons -- References -- On isolated strata of pentagonal Riemann surfaces in the branch locus of moduli spaces -- 1. Introduction -- 2. Riemann surfaces and Fuchsian groups -- 3. Disconnectedness by pentagonal Riemann surfaces -- References -- Finite group actions of large order on compact bordered surfaces -- 1. Introduction -- 2. Preliminaries -- 1. Introduction -- 2. Border bases for homogeneous ideals -- 3. Curves given by points -- 4. Curves in X given by approximate points -- 5. Degree bounds for ideal generators -- Acknowledgments -- References -- Non-genera of curves with automorphisms in characteristic -- 1. Introduction -- 2. Non-genera for -actions -- 3. -ranks -- References -- Numerical Schottky uniformizations of certain cyclic L-gonal curves -- 1. Introduction -- 2. Preliminaries -- 3. Basic facts on Whittaker groups -- 4. Basic objects -- 5. The generalized Myrberg's algorithm -- 6. Application to algebraic curves -- Acknowledgments -- References -- Generalized lantern relations and planar line arrangements -- 1. Introduction -- 2. Real line

arrangements and relations on Dehn twists -- 3. Applications --  
References -- Effective  $p$ -adic cohomology for cyclic cubic threefolds  
-- 1. Zeta functions: generalities -- 2. Algebraic de Rham  
cohomology -- 3. de Rham cohomology and  $p$ -adic cohomology -- 4.  
The direct method for cyclic cubic threefolds -- 5. Picard-Fuchs-Manin  
connections -- 6. The deformation method for cyclic cubic threefolds  
-- Appendix A. Notes and further reading -- References --  
Generating sets of affine groups of low genus -- 1. Introduction -- 2.  
The Algorithm -- 3. Genus Zero Systems and the Guralnick-Thompson  
Conjecture -- References -- Classification of algebraic ODEs with  
respect to rational solvability -- 1. Introduction -- 2. Preliminaries --  
3. A group of affine linear transformations -- 4. Solvable AODEs and  
their associated systems -- 5. Parametrizable ODEs with special  
geometric shapes -- 6. Conclusion -- References.

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