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""5. The generalized Myrberga€?s algorithm"""""6. Application to algebraic curves""; ""Acknowledgements""; ""References""; ""Generalized lantern relations and planar line arrangements""; ""1. Introduction""; ""2. Real line arrangements and relations on Dehn twists""; ""3. Applications""; ""References""; ""Effective -adic cohomology for cyclic cubic threefolds""; ""1. Zeta functions: generalities""; ""2. Algebraic de Rham cohomology""; ""3. de Rham cohomology and -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""