

Cambridge University Press

978-0-521-63747-3 - Aspects of Galois Theory

Edited by Helmut Völklein, David Harbater, Peter Müller and J.G. Thompson

Table of Contents

[More information](#)

CONTENTS

Introduction	vii
Galois theory of semilinear transformations <i>Shreeram S. Abhyankar</i>	1
Tools for the computation of families of coverings <i>Jean-Marc Couveignes</i>	38
Some arithmetic properties of algebraic covers <i>Pierre Dèbes</i>	66
Curves with infinite K -rational geometric fundamental group <i>Gerhard Frey, Ernst Kani & Helmut Völklein</i>	85
Embedding problems and adding branch points <i>David Harbater</i>	119
On beta and gamma functions associated with the Grothendieck–Teichmüller groups <i>Yasutaka Ihara</i>	144
Arithmetically exceptional functions and elliptic curves <i>Peter Müller</i>	180
Tangential base points and Eisenstein power series <i>Hiroaki Nakamura</i>	202
Braid-abelian tuples in $\mathrm{Sp}_n(K)$ <i>John Thompson & Helmut Völklein</i>	218
Deformation of tame admissible covers of curves <i>Stefan Wewers</i>	239