

Contents

Preface	vii
Foreword <i>W. J. Harvey</i>	ix
Semisimple actions of mapping class groups on CAT(0) spaces <i>M. R. Bridson</i>	1
A survey of research inspired by Harvey's theorem on cyclic groups of automorphisms <i>E. Bujalance, F. J. Cirre and G. Gromadzki</i>	15
Algorithms for simple closed geodesics <i>P. Buser</i>	38
Matings in holomorphic dynamics <i>S. Bullett</i>	88
Equisymmetric strata of the singular locus of the moduli space of Riemann surfaces of genus 4 <i>A. F. Costa and M. Izquierdo</i>	120
Diffeomorphisms and automorphisms of compact hyperbolic 2-orbifolds <i>C. J. Earle</i>	139
Holomorphic motions and related topics <i>F. P. Gardiner, Y. Jiang and Z. Wang</i>	156
Cutting sequences and palindromes <i>J. Gilman and L. Keen</i>	194
On a Schottky problem for the singular locus of $\mathcal{A}_5$ <i>V. González-Aguilera</i>	217
Non-special divisors supported on the branch set of a p -gonal Riemann surface <i>G. González-Diez</i>	238
A note on the lifting of automorphisms <i>R. Hidalgo and B. Maskit</i>	260

Cambridge University Press
978-0-521-73307-6 - Geometry of Riemann Surfaces: Proceedings of the Anogia Conference
to Celebrate the 65th Birthday of William J. Harvey
Edited by Frederick P. Gardiner, Gabino Gonzalez-Diez and Christos Kourouniotis
Table of Contents
[More information](#)

vi	<i>Contents</i>
	Simple closed geodesics of equal length on a torus <i>G. McShane and H. Parlier</i> 268
	On extensions of holomorphic motions—a survey <i>S. Mitra</i> 283
	Complex hyperbolic quasi-Fuchsian groups <i>J. R. Parker and I. D. Platis</i> 309
	Geometry of optimal trajectories <i>M. Pontani and P. Teofilatto</i> 356
	Actions of fractional Dehn twists on moduli spaces <i>R. Silhol</i> 376