

Table of Contents

<i>Barbu Berceanu</i>	
The topology of polynomial varieties	1
<i>Robert Bieri</i>	
Finiteness length and connectivity length for groups	9
<i>B. H. Bowditch</i>	
Convergence groups and configuration spaces	23
<i>Colin M. Campbell, Edmund F. Robertson, Nikola Ruškuc, and Richard M. Thomas</i>	
Groups, semigroups and finite presentations	55
<i>J. W. Cannon, W. J. Floyd, and W. R. Parry</i>	
Conformal modulus: the graph paper invariant or the conformal shape of an algorithm	71
<i>Ruth Charney</i>	
Injectivity of the positive monoid for some infinite type Artin groups	103
<i>John Crisp</i>	
Injective maps between Artin groups	119
<i>John F. P. Hudson</i>	
The intersection of flat subsets of a braid group	139
<i>William M. Kantor and Tim Penttala</i>	
Reconstructing simple group actions	147
<i>G. I. Lehrer and T. A. Springer</i>	
Intersection multiplicities and reflection subquotients of unitary reflection groups I	181
<i>C. F. Miller III, Walter D. Neumann and G. A. Swarup</i>	
Some examples of hyperbolic groups	195
<i>Sidney A. Morris and Viatcheslav N. Obraztsov</i>	
Embedding free amalgams of discrete groups in non-discrete topological groups	203

Lee Mosher

Indiscrete representations, laminations, and tilings 225

Walter D. Neumann and Michael Shapiro

Automatic structures on central extensions 261

A. Yu. Ol'shanskii

Distortion functions for subgroups 281

Christophe Pittet and Laurent Saloff-Coste

Amenable groups, isoperimetric profiles and random walks 293

John R. Stallings

Whitehead graphs on handlebodies 317

List of Contributors 331

List of Participants 333