

Contents

	page
Preface	vii
Introduction	ix
1. Traces and Euler characteristics Hyman Bass	1
2. Groups of virtually finite dimension Kenneth S. Brown	27
3. Free abelianised extensions of finite groups K. W. Gruenberg	71
4. Arithmetic groups J.-P. Serre	105
5. Topological methods in group theory Peter Scott and Terry Wall	137
6. An example of a finite presented solvable group Herbert Abels	205
7. $SL_3(\mathbb{F}_q[t])$ is not finitely presentable Helmut Behr	213
8. Two-dimensional Poincaré duality groups and pairs Robert Bieri and Beno Eckmann	225
9. Metabelian quotients of finitely presented soluble groups are finitely presented Robert Bieri and Ralph Strebel	231
10. Soluble groups with coherent group rings Robert Bieri and Ralph Strebel	235
11. Cohomological aspects of 2-graphs. II Peter J. Cameron	241
12. Recognizing free factors M. J. Dunwoody	245
13. Trees of homotopy of (π, m)-complexes Michael Dyer	251
14. Geometric structure of surface mapping class groups W. J. Harvey	255

15.	Cohomology theory of aspherical groups and of small cancellation groups Johannes Huebschmann	271
16.	Finite groups of deficiency zero D. L. Johnson and E. F. Robertson	275
17.	Äquivalenzklassen von Gruppenbeschreibungen, Identitäten und einfacher Homotopietyp in niederen Dimensionen Wolfgang Metzler	291
18.	Two-dimensional complexes with torsion values not realizable by self-equivalences Wolfgang Metzler	327
19.	Applications of Nielsen's reduction method to the solution of combinatorial problems in group theory: a survey Gerhard Rosenberger	339
20.	Chevalley groups over polynomial rings Christophe Soulé	359
	List of problems Edited by Terry Wall	369