CONTENTS

Page

N. E. Steenrod
A convenient category of topological spaces 133

James E. Keisler
Open maps on Hausdorff spaces 153

R. H. Bing
Improving the intersections of lines and surfaces 155

D. R. McMillan, Jr.
Neighborhoods of surfaces in 3-manifolds 161

Sibe Mardešić and Jack Segal
ε-Mappings and generalized manifolds 171

James R. Munkres
Concordance of differentiable structures—two approaches 183

Gordon T. Whyburn
Loosely closed sets and partially continuous functions 193

C. N. Lee
The regular convergence theorem 207

Morton Brown
Wild cells and spheres in higher dimensions 219

Kyung Whan Kwun
Examples of generalized-manifold approaches to topological manifolds . . 225

Raoul Bott
Vector fields and characteristic numbers 231

E. Spanier
The homotopy excision theorem 245

MICHIGAN MATHEMATICAL JOURNAL
Department of Mathematics
University of Michigan
Ann Arbor, Michigan 48109