

## Contents

Equality in Hyperdoctrines and Comprehension Schema as an Adjoint Functor . . . . .	1
BY WILLIAM LAWVERE	
Homology of Simplicial Objects . . . . .	15
BY MICHEL ANDRÉ	
On Completing Bicartesian Squares . . . . .	37
BY P. J. HILTON AND I. S. PRESSMAN	
A Categorical Setting for the Baer Extension Theory . . . . .	50
BY MURRAY GERSTENHABER	
On the (Co-) Homology of Commutative Rings . . . . .	65
BY DANIEL QUILLEN	
Nonabelian Homological Algebra and $K$ -Theory . . . . .	88
BY RICHARD G. SWAN	
Groups of Cohomological Dimension One . . . . .	124
BY JOHN STALLINGS	
Hopf Fibration Towers and the Unstable Adams Spectral Sequence . . . . .	129
BY LARRY SMITH	
Stable Homotopy II . . . . .	161
BY PETER FREYD	
On a Theorem of Wilder . . . . .	184
BY J.-L. VERDIER	
A Formula for $K_1R_\alpha[T]$ . . . . .	192
BY F. T. FARRELL AND W. C. HSIANG	
Finite Flat Structures . . . . .	219
BY B. MAZUR	
Author Index . . . . .	227
Subject Index . . . . .	229