

C O N T E N T S

=====

1. J.F. ADAMS	MAPS BETWEEN CLASSIFYING SPACES	1
2. M.G. BARRATT	TWISTED LIE ALGEBRAS	9
3. M. BENDERSKY E.B. CURTIS	COBORDISM OF SEQUENCES OF MANIFOLDS	16
4. J.M. BOARDMAN	SPLITTINGS OF MU AND OTHER SPECTRA	27
5. A.K. BOUSFIELD E.M. FRIEDLANDER	HOMOTOPY THEORY OF Γ -SPACES, SPECTRA, AND BISIMPLICIAL SETS.....	80
6. R. BRUNER	ALGEBRAIC AND GEOMETRIC CONNECTING HOMO- MORPHISM IN THE ADAMS SPECTRAL SEQUENCE ..	131
7. D.M. DAVIS M.E. MAHOWALD	OBSTRUCTION THEORY AND K-THEORY	134
8. W.G. DWYER	THE TAME HOMOTOPY GROUPS OF A SUSPENSION .	165
9. V. GIAMBOLVO	SOME TABLES FOR FORMAL GROUPS AND BP	169
10. V.K.A.M. GUGENHEIM	ON A MODIFIED EILENBERG-MOORE THEOREM	177
11. C.H. HANKS	ON THE HOPF CONSTRUCTION ASSOCIATED WITH A COMPOSITION	191
12. D.S. KAHN	ON THE STABLE DECOMPOSITION OF $\Omega^\infty S^\infty A$	206
13. WOJCIECH KOMORNICKI	MULTIPLICATIONS IN 2-CELL SPECTRA	215
14. A. LIULEVICIUS	LINE BUNDLES, COHOMOLOGY AUTOMORPHISMS, AND HOMOTOPY RIGIDITY OF LINEAR ACTIONS ..	224
15. MARK MAHOWALD	THE CONSTRUCTION OF SMALL RING SPECTRA ...	234
16. J.P. MAY	A_∞ RING SPACES AND ALGEBRAIC K-THEORY	240
17. M.L. MICHELSON	COHOMOLOGY OPERATIONS AND VECTOR FIELDS ..	316
18. HAYNES R. MILLER STEWART B. PRIDDY	ON G AND THE STABLE ADAMS CONJECTURE	331
19. JACK MORAVA	COMPLETIONS OF COMPLEX COBORDISM	349
20. JACK MORAVA	THE E_2 -TERM OF NOVIKOV'S SPECTRAL SEQUENCE	362
21. JACK MORAVA	HYPERCOHOMOLOGY OF TOPOLOGICAL CATEGORIES.	383
22. DOUGLAS C. RAVENEL	A NOVICE'S GUIDE TO THE ADAMS-NOVIKOV SPECTRAL SEQUENCE	404
23. MARTIN C. TANGORA	SOME REMARKS ON THE LAMBDA ALGEBRA	476

CONTENTS OF VOLUME I

- | | |
|--|--|
| 1. J.C. BECKER
R.E. SCHULTZ | FIXED POINT INDICES AND LEFT INVARIANT
FRAMINGS |
| 2. THOMAS BIER
NIGEL RAY | DETECTING FRAMED MANIFOLDS IN THE 8
AND 16 STEMS |
| 3. WILLIAM BROWDER | ALGEBRAIC K-THEORY WITH COEFFICIENTS
$\mathbb{Z}/p$ |
| 4. G. CARLSSON
R.J. MILGRAM | TORSION WITT RINGS FOR ORDERS AND
FINITE GROUPS |
| 5. F.R. COHEN
L.R. TAYLOR | COMPUTATIONS OF GELFAND-FUKS COHOMOLOGY,
THE COHOMOLOGY OF FUNCTION SPACES, AND
THE COHOMOLOGY OF CONFIGURATION SPACES |
| 6. GEORGE COOKE
JOHN R. HARPER | TORSION FREE MOD p H-SPACES |
| 7. PETER JOHN ECCLES | REPRESENTING FRAMED BORDISM CLASSES BY
MANIFOLDS EMBEDDED IN LOW CODIMENSION |
| 8. M. FESHBACH | THE TRANSFER AND CHARACTERISTIC CLASSES |
| 9. ZBIGNIEW
FIEDOROWICZ | THE QUILLEN-GROTHENDIECK CONSTRUCTION
AND EXTENSIONS OF PAIRINGS |
| 10. HENRY GLOVER
BILL HOMER | ENDOMORPHISMS OF THE COHOMOLOGY RING
OF FINITE GRASSMAN MANIFOLDS |
| 11. HENRY GLOVER
BILL HOMER | IMMERSING MANIFOLDS AND 2-EQUIVALENCE |
| 12. D.C. GONCALVES | MOD 2 HOMOTOPY ASSOCIATIVE H-SPACES |
| 13. D.H. GOTTLIEB | LIFTING ACTIONS IN FIBRATIONS |
| 14. D.H. GOTTLIEB | PARTIAL TRANSFERS |
| 15. DAVID HANDEL | ALGEBRAIC-TOPOLOGICAL PROBLEMS IN
APPROXIMATION THEORY |
| 16. JOHN HUBBUCK | H-SPACES OF GIVEN RANK |
| 17. JOHN HUBBUCK | TWO EXAMPLES OF FINITE H-SPACES |
| 18. JEROME KAMINKER
CLAUDE SCHOCHET | ANALYTIC EQUIVARIANT K-HOMOLOGY |
| 19. IB MADSEN | SMOOTH SPHERICAL SPACE FORMS |
| 20. CHARLES A.
MCGIBBON | WHICH GROUP STRUCTURES ON S^3 HAVE A
MAXIMAL TORUS? |

- | | |
|-------------------------------------|---|
| 21. ROBERT OLIVER
TED PETRIE | G SURGERY IN THE HOMOTOPY CATEGORY
AND $K_0(Z(G))$ |
| 22. FRANK QUINN | FINITE NILPOTENT GROUP ACTIONS ON
FINITE COMPLEXES |
| 23. FRANK RAYMOND
DAVID WIGNER | CONSTRUCTIONS OF ASPHERICAL MANIFOLDS |
| 24. ROBERT RIGDON
BRUCE WILLIAMS | EMBEDDINGS AND IMMERSIONS OF MANIFOLDS |
| 25. JOSEPH ROITBERG | FREE HOMOTOPY THEORY AND LOCALIZATION |