

Contents

F.R. Cohen,	
A course in some aspects of classical homotopy theory.....	1
E. Dror Farjoun,	
Homotopy and homology of diagrams of spaces.....	93
M.G. Barratt, J.D.S. Jones, and M.E. Mahowald,	
The Kervaire invariant and the Hopf invariant.....	135
C.-F. Bödigheimer,	
Stable splittings of mapping spaces.....	174
F.R. Cohen and M.E. Mahowald,	
The splitting of $\Omega^2 S^{2n+1}$	188
R.L. Cohen,	
A model for the free loop space of a suspension.....	193
E.B. Curtis, P. Goerss, M.E. Mahowald and R.J. Milgram,	
Calculations of unstable Adams E_2 terms for spheres.....	208
D.M. Davis,	
The bo-Adams spectral sequence: Some calculations and a proof of its vanishing line.....	267
N.J. Kuhn,	
The rigidity of $L(n)$	286
M.E. Mahowald,	
Thom complexes and the spectra bo and bu	293
M.E. Mahowald and R.D. Thompson,	
A commentary on the "Image of J in the EHP sequence".....	298
W.M. Singer,	
On the $\mathcal{A}$ -algebra and the homology of symmetric groups.....	305